

STEAMSHIP LINES ENGAGED IN TRANSPORTING FREIGHT

LETTER

FROM

THE CHAIRMAN OF THE INTERSTATE COMMERCE COM-
MISSION TRANSMITTING, IN RESPONSE TO A SENATE
RESOLUTION OF MAY 16, 1914, A REPORT RELATIVE
TO CORPORATE INTERESTS OF RAILROADS IN VESSELS
OR STEAMSHIP LINES ENGAGED IN THE COAST-
WISE TRADE OF THE UNITED STATES



MAY 11, 1916.—Referred to the Committee on Printing

WASHINGTON
GOVERNMENT PRINTING OFFICE
1916

REPORTED BY MR. FLETCHER.

IN THE SENATE OF THE UNITED STATES,
July 7 (calendar day, July 10), 1916.

Resolved, That the report submitted by the Interstate Commerce Commission on May 11, 1916, entitled "Corporate Interests of Railroads in Vessels or Steamship Lines Engaged in the Coastwise Trade of the United States," in response to Senate resolution No. 364, adopted May 16, 1914, be printed as a Senate document.

Attest:

JAMES M. BAKER, *Secretary*.

LETTER OF TRANSMITTAL.

INTERSTATE COMMERCE COMMISSION,
Washington, May 10, 1916.

THE PRESIDENT UNITED STATES SENATE,
Washington, D. C.

DEAR SIR: I have the honor to transmit herewith the report of the Interstate Commerce Commission responsive to Senate resolution of May 16, 1914, relative to corporate interest of railroads in vessels or steamship lines engaged in transporting freight between Atlantic and Pacific ports and in the coastwise trade of the United States, a copy of which resolution is embodied in said report.

Respectfully submitted.

B. H. MEYER, *Chairman.*

III

INTERSTATE COMMERCE COMMISSION REPORTS.

SENATE RESOLUTION No. 364 OF MAY 16, 1914, IN RE RELATIONS BETWEEN CARRIERS BY RAIL AND CAR- RIERS BY WATER.

April 11, 1916.

REPORT TO THE SENATE OF THE UNITED STATES.

BY THE COMMISSION:

In a resolution of the Senate dated May 16, 1914, the Commission was requested to ascertain, by requiring special reports of rail lines, coastwise vessel lines, and of such other lines as in the judgment of the Commission seemed advisable:

First. (a) To what extent vessels and steamship lines are engaged in transporting freight between Atlantic and Pacific ports and in the coastwise trade of the United States, wholly by water, or partly by water and partly by rail, under the joint ownership, common control, community of interest or otherwise, with railroad companies; and

(b) What vessels or steamship lines are so owned and controlled, and the names of the owners, stockholders, trustees, holding companies, directors and officers of all steamship lines and railroad companies engaged in the coastwise and foreign trade of the United States; and to what extent they are consolidated, directed, or operated by and through holding companies, interlocking stock, interlocking directorates, or interlocking officers.

Second. (a) The prevailing rates upon the principal commodities carried between Atlantic and Pacific ports of the United States wholly by water or partly by water and partly by rail across the Isthmus of Panama or Tehuantepec, and the prevailing rates between the same points wholly by rail; and

(b) The prevailing rates upon similar commodities transported under like conditions wholly by water by vessels not under United States registry for distances similar to the distance between the Atlantic and Pacific ports of the United States.

Third. The prevailing rates upon the principal commodities carried by vessels in the coastwise trade of the United States as compared with the rates on similar commodities for similar distances carried by vessels in the foreign trade of the United States; and

Fourth. The prevailing rates upon similar commodities transported wholly by water by vessels not under United States registry for similar distances under similar conditions as compared with the rates in the coastwise trade of the United States.

Accordingly, the inquiry was pursued through the medium of two forms of special report series circulars which were mailed to indi-

viduals, firms, and corporations engaged in the business of transporting freight and in which each individual firm or corporation addressed was directed to make full and true answers to the interrogatories propounded. One form of circular was mailed to each of 1,148 railroads and the other form to each of 841 carriers engaged in transportation by water. Of the latter, 17 were railroads whose transportation by water was conducted as an auxiliary operation; 646 were firms or corporations engaged solely in coastwise or inland water commerce, and 178 were firms or corporations engaged in water commerce involving the foreign trade of the United States.

It developed from the attested returns made that the circular of inquiry was inapplicable with respect to 1,033 rail and water lines and they were therefore returned unanswered by those carriers. The circulars addressed to 69 rail and water lines were returned unanswered or undelivered, apparently because the companies addressed were no longer conducting their operations. Of the carriers addressed, 550 made no return at all. As to these latter companies our records disclosed that 157 were railroads performing only a road-haul service; that 50 were switching and terminal companies; that 252 were domestic carriers by water; and that 91 were foreign carriers by water. The 157 nonreporting rail carriers are largely located in interior territory and their operations are relatively small. Inasmuch as our files fail to disclose any corporate or other relations with carriers by water it was deemed unnecessary to make special examinations of the nonreporting rail carriers.

It is upon the returns made by 337 reporting carriers, 170 of which are railroads and 167 carriers by water, that this report is based. These railroads represent substantially all the railway mileage operated under corporate or other relationship with water carriers. The report deals with conditions as of June 30, 1914.

CORPORATE INTEREST OF RAILROADS IN VESSELS OR STEAMSHIP LINES.

The data submitted shows that 27 railroad systems were engaged or were interested in the transportation of freight by water, either directly or indirectly through subsidiary rail line or water line carriers. These systems, with the number of vessels owned, controlled, or leased by them, and the registered tonnage of such vessels as of June 30, 1914, were:

System designa- tion.	Names of railroad systems.	Steam vessels.		Barges.		Total of vessels.			
		No.	Gross tonnage.	No.	Gross tonnage.	No.	Gross tonnage.		
A	Atlantic Coast Line Co. ¹	2	6	13,373		2	6	13,373	
B	Bessemer & Lake Erie R. R. Co. ³								
C	Buffalo, Rochester & Pittsburgh Ry. Co.	4	1	5,146		4	1	5,146	
D	Chesapeake & Ohio Ry. Co. ⁵								
E	Delaware, Lackawanna & Western R. R. ⁶	3		2,336	18	14,999	21	17,335	
F	Erie & Michigan Ry. & Navigation Co.	1		523		1		523	
G	Erie R. R. Co. ⁷	8		20,343	15	10,265	23	30,608	
H	Florida East Coast Ry. Co. ⁸								
I	Great Northern Ry. Co. ⁹	3		29,206		3		29,206	
J	Illinois Central R. R. Co.	9		43,484		9		43,484	
K	Lehigh Valley R. R. Co. ⁷	12		21,233	49	28,234	61	49,467	
L	Maine Central Ry. Co.	7		3,080		7		3,080	
M	New York Central & Hudson River R. R. Co. ¹⁰	11	30	87,159	2	1,562	11	32	88,721
N	New York, New Haven & Hartford R. R. Co. ¹²	74		134,784	47	26,792	121		161,576
O	Norfolk & Western Ry. Co. ⁵								
P	Norfolk Southern R. R.	3		139	6	962	9		1,101
Q	Northern Pacific Ry. Co.	13	3	1,640			13	3	1,640
R	Pacific Coast Steamship Co.	16		44,436	3	2,728	19		47,164
S	Pennsylvania R. R. Co. ¹⁴	69		73,194	33	21,928	102		95,122
T	Pere Marquette R. R. Co.	15	2	4,315			15	2	4,315
U	Reading Co.	15		8,171	87	80,736	102		88,907
V	Seaboard Air Line Ry.	16	20	35,583			16	20	35,583
W	Southern Pacific Co.	70		245,756	24	14,239	94		259,995
X	Southern Ry. Co. ⁵	17	8	15,428			17	8	15,428
Y	Union Pacific R. R. Co.	10		16,205			10		16,205
Z 1	Canadian Pacific Ry. Co.	18	7	19,990			18	7	19,990
Z 2	Grand Trunk Ry. Co. of Canada ¹⁰	11		30,006			11		30,006
	Total	388		855,530	284	202,445	672		1,057,975

¹ Also interested with Chesapeake & Ohio Ry. Co., Norfolk & Western Railway Co., Seaboard Air Line Ry., and Southern Ry. Co., in 15 of the 20 steam vessels, included under system V, and with Southern Ry. Co. in the eight steam vessels included under system X.

² Includes three steam vessels referred to in note 8 below.

³ Interested with Pere Marquette R. R. Co. in the two steam vessels shown under system T.

⁴ Steam vessel referred to in note 19 below.

⁵ See note 1 above.

⁶ Also interested with Erie R. R. Co., Lehigh Valley R. R. Co., and New York Central & Hudson River R. R. Co., in 12 of the 30 steam vessels included under system M.

⁷ See note 6 above.

⁸ Interested with Atlantic Coast Line Co. in three of the six steam vessels included under system A.

⁹ Also interested with Northern Pacific Ry. Co. in the three steam vessels shown under system Q.

¹⁰ Also interested with Pennsylvania R. R. Co. and Canadian Pacific Ry. Co. in two of the seven steam vessels included under system Z 1.

¹¹ Includes the 12 steam vessels referred to in note 6 above and the two steam vessels referred to in note 12 below.

¹² Also interested with New York Central & Hudson River R. R. Co. in two of the 30 steam vessels included under system M.

¹³ Steam vessels referred to in note 9 above.

¹⁴ See note 10 above. Also interested with Canadian Pacific Ry. Co. in one of the seven steam vessels included under system Z 1. Connected with the interest in water transportation of Norfolk & Western Ry. Co., and Southern Pacific Co. through stock ownership in these companies.

¹⁵ Steam vessels referred to in note 3 above.

¹⁶ Includes the 15 steam vessels referred to in note 1 above.

¹⁷ Steam vessels referred to in note 1 above.

¹⁸ Includes the two steam vessels referred to in note 10 above, and one steam vessel referred to in note 14 above.

¹⁹ Also interested with Buffalo, Rochester & Pittsburgh Ry. Co. in one steam vessel shown under system C.

VESSELS OWNED.

The 27 railroad systems named in the preceding table with their subsidiaries shown in Exhibit 1 following which were engaged in transportation by water or which had corporate interest in carriers so engaged comprised 106 separate companies; of these 46 were not engaged in the transportation of the traffic involved in the resolution; the ownership of the vessels that were operated in such traffic was vested in the other 60 carriers, of which 19 were carriers

by rail and 41 carriers by water. Further details as to the vessels owned by these carriers are:

Owning companies.		Steam vessels.		Barges.		Total of vessels.	
Class.	No.	No.	Gross tonnage.	No.	Gross tonnage.	No.	Gross tonnage.
Rail carriers.....	19	147	238,816	124	112,395	271	351,211
Water carriers.....	41	237	610,888	160	90,050	397	700,938
Total.....	60	¹ 384	849,704	284	202,445	¹ 668	1,052,149

¹ Does not include four steam vessels, gross tonnage 5,826 tons, chartered from owners not shown in Exhibit 1.

VESSELS OPERATED.

The number of vessels operated by the 27 railroad systems or their subsidiary companies on June 30, 1914, is here summarized:

Operating companies.		Steam vessels.		Barges.		Total of vessels.	
Class.	No.	No.	Gross tonnage.	No.	Gross tonnage.	No.	Gross tonnage.
Rail carriers.....	17	121	191,008	121	111,940	242	302,948
Water carriers.....	40	248	637,916	158	89,350	406	727,266
Total.....	57	369	828,924	279	201,290	¹ 648	1,030,214

¹ Does not include 12 steam vessels, gross tonnage 24,580 tons, and 5 barges, gross tonnage 1,155 tons, not operated on June 30, 1914, and 7 steam vessels, gross tonnage 2,026 tons, operated by companies not shown in Exhibit 1.

These vessels, with their registered gross tonnage as of June 30, 1914, and the waters traversed by them, are distributed geographically in the following table:

Waters traversed.	Steam vessels.		Barges.		Total of vessels.	
	No.	Gross tonnage.	No.	Gross tonnage.	No.	Gross tonnage.
Atlantic and Gulf coasts.....	231	406,126	267	190,099	498	596,225
Pacific coast.....	71	224,870	10	9,629	71	234,499
Great lakes.....	67	197,928	2	1,562	69	199,490
Total.....	369	828,924	279	201,290	648	1,030,214

Of the vessels shown in the preceding table, 38 were operated wholly or partly in the foreign trade of the United States. The following statement shows the territorial distribution:

Routes traversed.	Steam vessels.	
	Number.	Gross tonnage.
Atlantic and Gulf coasts:		
To Canadian ports.....	3	10,174
To Cuban ports.....	6	11,349
To European ports.....	2	8,270
Pacific coast:		
To Canadian ports.....	4	11,947
To Mexican ports ¹	9	25,972
To oriental ports.....	8	85,861
Great lakes: To Canadian ports.....	6	19,108
Total.....	38	172,681

¹ Also to Balboa, Panama.

All the vessels engaged in the coastwise and foreign trade of the United States in which railroad companies are interested directly or indirectly are summarized in the following statement:

In community of interest with railroads through—	Steam vessels.		Sailing vessels and barges.		Total of vessels.	
	No.	Gross tonnage.	No.	Gross tonnage.	No.	Gross tonnage.
Intercorporate relationship.....	388	855,530	284	202,445	672	1,057,975
Interlocking stocks, directorates, or officers.....	382	1,859,796	44	24,170	426	1,883,966
Total.....	770	2,715,326	328	226,615	1,098	2,941,941

¹ Includes vessels owned but not operated on June 30, 1914.

The foregoing shows in condensed form the more salient facts procured. In the four following exhibits, however, the information called for in the resolution is given in greater detail. Each exhibit is accompanied by an explanatory note. Exhibits 1, 2, and 3 contain particulars as to the relations, corporate or otherwise, between railroads and water lines, as requested in the first paragraph of the resolution. Exhibit 4 is subdivided into sections A and B, and contains particulars as to the prevailing rates between the Atlantic and Pacific ports of the United States and the rates in the coastwise and foreign trade as requested in the second, third, and fourth paragraphs of the resolution.

Exhibit 1 shows the names of carriers by water in which railroad companies are interested through stock ownership or otherwise, the waters traversed by the boat lines, and the terminal ports reached by their vessels. This exhibit also shows the railroad companies which own securities of the water carriers, the details as to the stock owned, and in cases of controlling interest the form and extent of the control, whether the control is direct or indirect and the name of the intermediary through which the control, if indirect, is exercised.

Exhibit 2 shows the names of the individuals, companies, or corporations interested in carriers by water and carriers by rail, the particular companies in which each is interested, and the character of his or its

connection with each company, whether director, officer, or stockholder. The resolution requests the names of all stockholders of steamship lines and railroads engaged in the coastwise and foreign trade of the United States; however, as it seemed that a literal compliance with that part of the resolution was quite impracticable, the carriers were required to show only the names of the largest stockholders. The stockholders shown in this exhibit are therefore the holders of 100 shares or more of the capital stock of railroads who likewise are of the largest holders of voting securities of steamship lines.

Exhibit 3 shows the number of water carriers operated in community of interest with railroads through interlocking stocks, interlocking directorates, or interlocking officers and not through corporate relationship. This exhibit also includes the New York & Cuba Mail Steamship Company, known as the Ward line, and the Southern Steamship Company, because of their intercorporate relationship to the Atlantic, Gulf & West Indies Steamship lines.

From these three exhibits it appears that 121 railroads were interested in 86 carriers by water through intercorporate relationship, interlocking stocks, directorates, or officers. Of the railroads, the interest of 69 was through interlocking stocks, directorates, and officers only, and of 52 railroads through intercorporate relationship. Of the latter, 50 railroads were also among those whose interest in water carriers was through interlocking stocks, directorates, or officers. Of the 86 carriers by water 40 had no corporate relationship with any railroad. Railroads were interested in these water carriers through interlocking stocks, directorates, or officers only. These 40 companies owned and operated 426 vessels, which have a combined gross tonnage of 1,883,966 tons.

Exhibit 4, taking sections A and B together, shows the principal commodities handled, classified as products of agriculture, products of animals, products of mines, products of forests, manufactures, merchandise, and miscellaneous. In this exhibit are shown representative ports between which shipments of each of these commodities have been made; the approximate distance between such ports; and representative rates wholly by water, by water and rail, and wholly by rail. The rates applicable to all water transportation are segregated as between the rates on shipments in the coastwise trade and the rates on shipments in the foreign trade; the rates on shipments in the foreign trade are further subdivided so as to show the rates on shipments carried in vessels under United States registry and the rates on shipments carried in vessels under foreign registry.

EXHIBITS.

EXHIBIT 1.

EXPLANATORY NOTE.

The companies shown in Exhibit 1 are those owning and controlling vessels and steamship lines, through the operation of which freight is transported between Atlantic and Pacific ports partly by water and partly by rail, or in the coastwise and foreign trade of the United States.

The term "coastwise trade" as used in this exhibit embraces all domestic water traffic on ocean, bay, river, and the great lakes, but excludes water transportation on canals, inland lakes (wholly within a state), and ferry, lighterage, or such other terminal services as are necessary adjuncts to rail transportation.

The returns received indicate that on June 30, 1914, there was not any corporate relationship between railroad companies and steamship lines engaged in transporting freight between Atlantic and Pacific ports wholly by water.

In this exhibit the names of the 27 railroad systems shown in table on page 3 appear in alphabetical order, entered flush, while those of their subsidiaries are indented in accordance with the intercorporate relation of such subsidiaries to their parent companies. For purposes of identification the names of the 27 systems are prefixed by letters A to Z, and these as well as their subsidiaries are given reference numbers in the order in which they appear under the caption "name of respondent." By this arrangement details with respect to any one company shown under "voting securities of other companies owned by respondent" or under "voting securities of respondent owned by other companies" can be readily located.

Carriers engaged in water transportation (except ferry, lighterage, or other terminal service) and their corporate relation to railroad companies on June 30, 1914.

8

System designation.	Reference No.	Name of respondent.	Vessels operated.								Waters traversed.	Termini.	
			Owned.				Chartered.					From—	To—
			Steam vessels.		Barges.		Steam vessels.		Barges.				
			Number.	Gross tonnage.	Number.	Gross tonnage.	Number.	Gross tonnage.	Number.	Gross tonnage.			
A	1	Atlantic Coast Line Co. ¹											
	2	Atlantic Coast Line R. Co. ¹											
	3	Louisville & Nashville R. R. Co. ¹											
	4	Gulf Transit Co. ¹											
	5	Pensacola Trading Co. ¹	2	8,270							Atlantic Ocean, Gulf of Mexico.	Pensacola, Fla.....	European and Gulf ports.
	6	{ Peninsular & Occidental S. S. Co. ¹ }	3	4,303			1	800			{ Florida Straits, Gulf of Mexico.	{ Port Tampa, Fla.....	} Havana, Cuba.
B	7	Bessemer & Lake Erie R. R. Co. ¹									{ Key West, Fla.....		
C	8	Buffalo, Rochester & Pittsburgh Ry. Co. ¹											
	9	Ontario Car Ferry Co., Ltd.	1	5,146							Lake Ontario.....	Coburg, Ont.....	Rochester, N. Y.
D	10	Chesapeake & Ohio Ry. Co. ¹											
E	11	{ Delaware, Lackawanna & Western R. R. Co. ⁴ }	2	640	18	14,999					{ Long Island Sound, Atlantic Ocean.	{ Jersey City, N. J.....	{ Long Island Sound and New England coast points.
	12	The Moore Timber Co.					1	1,696			Atlantic Ocean, Gulf of Mexico.	Panama City, Fla.....	Jersey City, N. J.
F	13	Erie & Michigan Ry. & Nav. Co. ⁴	1	523							Great lakes.....	Various.....	Various.
G	14	Erie Railroad Co. ⁴	8	20,343							do.....	Buffalo, N. Y.....	{ Milwaukee, Wis. Chicago, Ill.

H I	15	Hillside Coal & Iron Co.			5	3,186				New York Bay, Hud- son River, Long Is- land Sound, Massa- chusetts Bay.	Weehawken, N. J. Undercliff, N. J.	} Various.
	16	Pennsylvania Coal Co.			10	7,079				do.	Weehawken, N. J. Undercliff, N. J.	
	17	Florida East Coast Ry. Co. ¹										} Do.
	18	Great Northern Ry. Co. ¹										
J	19	Great Northern Steam- ship Co.	1	20,718						Pacific Ocean.	Seattle, Wash.	Hongkong, China.
	20	Northern Steamship Co.	2	8,488						Great lakes.	Buffalo, N. Y.	Chicago, Ill.
	21	Illinois Central R. R. Co. ¹										
	22	Central of Georgia Ry. Co. ¹										
K	23	Ocean Steamship Co. of Savannah.	9	43,484						Savannah and North rivers, Atlantic Ocean.	Savannah, Ga.	New York, N. Y.; Boston, Mass.
	24	Lehigh Valley R. R. Co. ¹										
	25	Lehigh Valley Trans- portation Co.:										
		Lake line.	6	19,009						Great lakes.	Buffalo, N. Y.	Chicago, Ill.
L		Bee line.	6	2,224	49	28,234				Atlantic Ocean.	Perth Amboy, N. J.	New England coast.
	26	Maine Central R. R. Co. ⁴ (Penobscot Bay line, Frenchmans Bay line).	7	3,080						Penobscot and French- mans bays.	Mount Desert, Me.; Rockland, Me.	Manset, Me.; Sargent- ville, Me.
	27	Maine Railways Com- panies. ¹										
	28	Portland, Mount Desert & Machias Steamboat Co. ⁷										
M	29	New York Central & Hud- son River R. R. Co. ¹										
	30	Michigan Central R. R. Co. ¹										
	31	Mutual Terminal Co. of Buffalo. ¹										
	32	Mutual Transit Co.	12	32,190						Great lakes.	Buffalo, N. Y.	Duluth, Minn.
	33	Rutland R. R. Co. ¹										
	34	Rutland Transit Co.	2	3,133			8 6	13,896		St. Lawrence River, great lakes.	Ogdensburg, N. Y.	Chicago, Ill.
	35	{ The Western Transit Co. ⁹ }	10	37,940	2	1,562				Great lakes.	Buffalo, N. Y.	{ Chicago, Ill. Duluth, Minn.

¹ Not directly engaged in water transportation.² Operated in tramp service.³ Chartered from owner not shown in this table.⁴ Engaged in water transportation as an auxiliary operation.⁵ Includes 4 vessels, gross tonnage 8,405 tons, not operated on June 30, 1914.⁶ Includes 1 steam vessel, gross tonnage 4,244 tons, not operated on June 30, 1914.⁷ Ceased operation August, 1905.⁸ Leased from the Western Transit Co., owner.⁹ Owns but does not operate 6 steam vessels referred to in note 8 above.

Carriers engaged in water transportation (except ferry, lighterage, or other terminal service) and their corporate relation to railroad companies on June 30, 1914—Continued.

System designation.	Reference No.	Name of respondent.	Vessels operated.								Waters traversed.	Termini.	
			Owned.				Chartered.					From—	To—
			Steam vessels.		Barges.		Steam vessels.		Barges.				
			Num-ber.	Gross ton-nage.	Num-ber.	Gross ton-nage.	Num-ber.	Gross ton-nage.	Num-ber.	Gross ton-nage.			
N	36	New York, New Haven & Hartford R. R. Co. ¹	—	—	—	—	—	—	—	—	—	—	—
	37	Boston Railroad Holding Co. ¹	—	—	—	—	—	—	—	—	—	—	—
	38	Boston & Maine R. R. Co. ¹	—	—	—	—	—	—	—	—	—	—	—
	39	New England Navigation Co. ¹	—	—	—	—	—	—	—	—	—	—	—
	40	Eastern Steamship Corporation.	29	54,826	—	—	—	—	—	—	Atlantic Ocean.....	Boston, Mass.....	St. Johns, N. B.
	41	Hartford & New York Transp. Co.	13	8,805	33	14,470	—	—	—	—	East River, Long Island Sound.	New York, N. Y.....	Hartford, Conn.
	42	New Bedford, Martha's Vineyard & Nantucket Steamboat Co.	3	2,030	—	—	2	417	—	—	Buzzards Bay, Nantucket Sound.	New Bedford, Mass...	Nantucket, Mass.
	43	New England Steamship Co. ³	26	67,876	—	—	—	—	—	—	East River, Long Island Sound.	New York, N. Y.....	Fall River, Mass.
	44	New York, Ontario & Western Ry. Co. ⁴	2	830	14	12,322	—	—	—	—	Long Island Sound, Atlantic Ocean.	Weehawken, N. J.....	New England points.
O	45	Norfolk & Western Ry. Co. ¹	—	—	—	—	—	—	—	—	—	—	—
P	46	Norfolk Southern R. R. Co. ¹	—	—	—	—	—	—	—	—	—	—	—
	47	John L. Roper Lumber Co.	6	139	6	962	—	—	—	—	Virginia and North Carolina waters.	No regular runs.....	—
Q	48	Northern Pacific Ry. Co. ¹	—	—	—	—	—	—	—	—	—	—	—
	49	Spokane, Portland & Seattle Ry. Co. ¹	—	—	—	—	—	—	—	—	—	—	—
	50	Dalles, Portland & Astoria Nav. Co.	7	1,640	—	—	—	—	—	—	Willamette and Columbia rivers.	Portland, Oreg.....	The Dalles, Oreg.
R	51	Pacific Coast Co. ⁸	—	—	—	—	—	—	—	—	—	—	—
	52	Pacific Coast Steamship Co.	2	3,273	3	2,728	9	41,163	—	—	Pacific Ocean.....	{ San Francisco, Cal. Seattle, Wash.....	Eureka, Cal. San Diego, Cal.

S	53	Pennsylvania R. R. Co. ¹	19	13,018					Chesapeake Bay.....	Baltimore, Md.....	Points in Virginia, Maryland, and Delaware.
	54	Baltimore, Chesapeake & Atlantic Ry. Co. ⁴							do.....	do.....	Points in Virginia, Maryland, and District of Columbia.
	55	Maryland, Delaware & Va. Ry. Co. ⁴	11	8,511					do.....	do.....	Chicago, Ill.
	56	{ Erie & Western Transportation Co. }	12	41,953					Great lakes.....	Buffalo, N. Y.....	Duluth, Minn.
	57	{ Connecting Terminal R. R. Co. ¹ }									
	58	{ Pennsylvania Company. ¹ }									
	59	{ Grand Rapids & Indiana Ry. Co. ¹ }									
	60	{ Long Island R. R. Co. ¹⁰ }									
	61	{ Montauk Steamboat Co. }	4	2,471		11 3	1,178		Long Island Sound, Atlantic Ocean.	New York, N. Y.....	New London, Conn.
	62	{ New York, Phila. & Norfolk R. R. Co. ⁴ }	12 13	5,881	10	13,048			Chesapeake Bay.....	Cape Charles, Va.....	Norfolk, Va.
T	63	{ Northern Central Ry. Co. ⁴ }	1	38					Sodus Bay, Lake Ontario.	Sodus Point, N. Y....	Various.
	64	{ Philadelphia, Balto. & Washington R. R. Co. ⁴ }					12 3	171	Chincoteague Sound...	Franklin City, Va....	Chincoteague, Va.
	65	{ Delaware Railroad Co. ¹ }									
	66	{ Delaware, Md. & Va. R. R. Co. ¹⁴ }									
	67	{ Susquehanna Coal Co. }			20	8,709			{ Long Island Sound, Atlantic Ocean.	{ South Amboy, N. J....	{ New York, N. Y.
	68	{ West Jersey & Seashore R. R. Co. ⁴ }	15 6	144					Maurice River.....	Port Norris, N. J....	{ Boston, Mass.
	69	{ Pere Marquette R. R. Co. ¹ }									Various.
	70	{ Marquette & Bessemer Dock & Nav. Co. }	16 2	4,315					Lake Erie.....	Conneaut Harbor, Ohio.	Port Stanley, Ontario.

¹ Not directly engaged in water transportation.

² Chartered from New England Steamship Co., owner.

³ Owns but does not operate 1 steam vessel referred to in note 2 above.

⁴ Engaged in water transportation as an auxiliary operation.

⁵ Includes 1 steam tug, gross tonnage 15 tons, not operated on June 30, 1914.

⁶ Includes 2 barges, net tonnage 700 tons, not operated on June 30, 1914.

⁷ Includes 1 steam vessel, gross tonnage 552 tons, not operated on June 30, 1914.

⁸ Owns but does not operate 14 steam vessels referred to in note 9 below.

⁹ Leased from Pacific Coast Co., owner.

¹⁰ Owns but does not operate 3 steam vessels referred to in note 11 below.

¹¹ Leased from Long Island R. R. Co., owner.

¹² Includes 1 steam vessel, gross tonnage 179 tons, owned by respondent but leased to company not included in this table.

¹³ Leased from Delaware, Maryland & Virginia R. R. Co., owner.

¹⁴ Owns but does not operate 3 barges referred to in note 13 above.

¹⁵ Includes 5 steam launches, gross tonnage 115 tons, owned by respondent but leased to company not included in this table.

¹⁶ Includes 1 steam vessel, gross tonnage 1,732 tons, owned by respondent but leased to company not included in this table.

System designation.	Reference No.	Name of respondent.	Vessels operated.								Waters traversed.	Termini.	
			Owned.				Chartered.						
			Steam vessels.		Barges.		Steam vessels.		Barges.			From—	To—
			Number.	Gross tonnage.	Number.	Gross tonnage.	Number.	Gross tonnage.	Number.	Gross tonnage.			
U	71	Reading Company ¹											
	72	Central Railroad Co. of New Jersey. ²											
	73	Lehigh & Wilkesbarre Coal Co.	3	1,154	15	13,210					Long Island Sound, Atlantic Ocean.	Port Johnston, N. Y.	New England points.
	74	Phila. & Reading Ry. Co. ⁴ (transp. line).					3 12	7,017	3 72	67,526	Delaware River, Atlantic Ocean.	Philadelphia, Pa.	Boston, Mass.
V	75	Seaboard Air Line Ry. ²											
	76	Baltimore Steam Packet Co.	5	8,181							Chesapeake Bay	Baltimore, Md.	Norfolk, Va.
	77	{ Old Dominion Steamship Co. }	14	26,588							{ Atlantic Ocean, James and Elizabeth rivers.	{ New York, N. Y. Richmond, Va.	{ Old Point. Newport News, Va.
	78	Virginia Navigation Co.	1	814							James River	Norfolk, Va.	Richmond, Va.
W	79	Southern Pacific Co. ⁴					5 6	4,596			San Francisco Bay, Sacramento River.	San Francisco, Cal.	Sacramento, Cal.
		Atlantic S. S. line..	23	112,639							Atlantic Ocean.	New York, N. Y.	New Orleans, La., Havana, Cuba.
		Portland & Coos Bay line.	1	1,065							Pacific Ocean, Coos Bay.	Portland, Oreg.	Marshfield, Oreg.
	80	Albion Lumber Co.	1	300							Pacific Ocean	Albion, Cal.	San Francisco, Cal.
	81	Asia Steamship Co. ⁶											
	82	Associated Oil Co.	5	21,730	7	6,901					Pacific Ocean	No regular runs	
	83	Central Pacific Ry. Co. ⁷											
	84	Sacramento Transportation Co.	7	2,312							San Francisco Bay, Sacramento River.	San Francisco, Cal.	Chico Landing, Cal.
	85	Gulf Steamship Co. ⁸											
	86	Morgan's Louisiana & Texas R. R. & S. S. Co. ⁴	9 7	2,480	10 7	4,329					Bayou Teche	Morgan City, La.	New Iberia, La.
	87	Direct Navigation Co.	2	161	10	3,009					Buffalo Bayou, Galveston Bay.	Houston, Tex.	Galveston, Tex.

X	88	Nile Steamship Co.....	¹¹ 1	5,855					Pacific Ocean.....	San Francisco, Cal....	Hongkong, China.
	89	Pacific Mail Steamship Co.	16	90,266					do.....	do.....	China, Japan, Mexico, and Panama.
	90	Persia Steamship Co.....	¹¹ 1	4,352					do.....	do.....	Hongkong, China.
	91	Southern Railway Co. ²									
Y	92	Chesapeake S. S. Co. of Baltimore, Md.	¹² 8	15,428					Patapsco River, Chesapeake Bay.	Baltimore, Md.....	Norfolk, Va.
	93	Union Pacific R. R. Co. ² ...									
	94	Oregon Short Line R. R. Co. ²									
	95	Oregon-Washington R. R. & Nav. Co. ⁴	7	3,723					Columbia River.....	Portland, Oreg.....	Astoria, Oreg., Megler, Wash.
Z 1	96	San Francisco & Portland S. S. Co.	3	12,482					Willamette and Columbia rivers, Pacific Ocean.	San Pedro, Cal.....	San Francisco, Cal., Portland, Oreg.
	97	Canadian Pacific Ry. Co. ⁴ ..	4	11,947					Puget Sound.....	Vancouver, B. C.....	Seattle, Wash.
	98	Duluth, So. Shore & Atlantic Ry. Co. ²									
	99	Mackinac Transportation Co.	2	5,373					Straits of Mackinac...	Mackinaw City, Mich..	St. Ignace, Mich.
Z 2	100	Pennsylvania-Ontario Transportation Co.	1	2,670					Lake Erie.....	Ashtabula, Ohio.....	Port Burwell, Ont.
	101	Grand Trunk Ry. Co. of Canada. ²									
	102	Canada-Atlantic Transit Co.	3	8,709					Great lakes.....	Depot Harbor, Ont....	Chicago, Ill.
	103	Central Vermont Railway Co. ²									
	104	Central Vermont Transportation Co.	¹³ 4	12,714					Long Island Sound....	New York, N. Y.....	New London, Conn.
	105	Detroit, Grand Haven & Milwaukee Ry. Co. ⁴				¹⁴ 2	3,330		Lake Michigan.....	Grand Haven, Mich...	Milwaukee, Wis.
	106	Grand Trunk Milwaukee Car Ferry Co.	2	5,253					do.....	do.....	Do.

¹ Owns but does not operate 12 steam vessels and 72 barges referred to in note 3 below.

² Not directly engaged in water transportation.

³ Leased from Reading Co., owner.

⁴ Engaged in water transportation as an auxiliary operation.

⁵ Leased from the Central Pacific Railway Co., owner.

⁶ Not operating on June 30, 1914.

⁷ Owns but does not operate 6 steam vessels referred to in note 5 above.

⁸ Not operating on June 30, 1914. Company discontinued Aug. 15, 1914.

⁹ Includes 1 steam vessel, gross tonnage 98 tons, not operated on June 30, 1914.

¹⁰ Includes 3 barges, gross tonnage 455 tons, not operated on June 30, 1914.

¹¹ Operated by Pacific Mail Steamship Co., for account of owner on a commission basis.

¹² Includes 2 vessels, gross tonnage 4,188 tons, not operated on June 30, 1914.

¹³ Includes 2 vessels, gross tonnage 7,078 tons, not operated on June 30, 1914.

¹⁴ Chartered from owner not shown in this table.

Carriers engaged in water transportation (except ferry, lighterage, or other terminal service) and their corporate relation to railroad companies on June 30, 1914—Continued.

System designation.	Reference No.	Name of respondent.	Voting securities of other companies owned by respondent.				Voting securities of respondent owned by other companies.				
			Issuing company.		Class of security.	Par value.	Owning company.		Extent of ownership.	Control through ownership. ¹	
			Reference No.	Name.			Reference No.	Name.		Direct or indirect.	Form.
A	1	Atlantic Coast Line Co. ²	2	Atlantic Coast Line R. R. Co.	Stock	\$18,590,600			Per ct.		
			92	Chesapeake Steamship Co. of Baltimore.	do.	200,000					
	2	{ Atlantic Coast Line R. R. Co. ²	3	Louisville & Nashville R. R. Co.	do.	\$36,720,000	1	Atlantic Coast Line Co.....	27.44		
			77	Old Dominion Steamship Co.	do.	120,000					
			6	Peninsular & Occidental Steamship Co.	do.	750,000					
	3	Louisville & Nashville R. R. Co. ²	4	Gulf Transit Co.....	do.	82,300	2	Atlantic Coast Line R. R. Co.	\$ 51.05	Indirect...	Sole.
	4	Gulf Transit Co. ²	5	Pensacola Trading Co.....	do.	10,000	3	Louisville & Nashville R. R. Co.	100.00	Direct....	Do.
	5	Pensacola Trading Co.					4	Gulf Transit Co.....	100.00	do.....	Do.
	6	{ Peninsular & Occidental S. S. Co.					2	Atlantic Coast Line R. R. Co.	100.00	do.....	Joint.
	7	Bessemer & Lake Erie R. R. Co. ²	17	Florida East Coast Ry. Co..							
B	8	Buffalo, Rochester & Pittsburgh Ry. Co. ²	70	Marquette & Bessemer Dock & Nav. Co.	Stock	25,000					
C	9	Ontario Car Ferry Co. (Ltd.).	9	Ontario Car Ferry Co.....	do.	250,000					
D	10	Chesapeake & Ohio Ry. Co. ²	77	Old Dominion Steamship Co.	Stock	120,000	8	Buffalo, Rochester & Pittsburgh Ry. Co.			
E	11	{ Delaware, Lackawanna & Western R. R. Co.	31	Mutual Terminal Co. of Buffalo.	do.	15,000	101	Grand Trunk Ry. Co. of Canada.	100.00	Direct....	Do.
	12	The Moore Timber Co.....	12	The Moore Timber Co.....	do.	1,297,000					
F	13	Erie & Michigan Ry. & Nav. Co. ⁴					11	Delaware, Lackawanna & Western R. R. Co.	100.00	Direct....	Sole.

SD-64-1-vol 43-36

² Not directly engaged in water transportation.

⁴ Engaged in water transportation as an auxiliary operation.

⁵ Includes \$999,000, or 99.90 per cent of total, held by Farmer

⁶ Includes \$4,998,500, or about 25 per cent of total, held by Mississippi Valley Corporation for Illinois Central R. R. Co.

⁷ Ceased operations August, 1905.

* Ceased operations August, 1905.

Carriers engaged in water transportation (except ferry, lighterage, or other terminal service) and their corporate relation to railroad companies on June 30, 1914—Continued.

16

INTERSTATE COMMERCE COMMISSION REPORTS.

System designation.	Reference No.	Name of respondent.	Voting securities of other companies owned by respondent.				Voting securities of respondent owned by other companies.					
			Issuing company.		Class of security.	Par value.	Owning company.		Extent of ownership.	Control through ownership. ¹		
			Reference No.	Name.			Reference No.	Name.		Direct or indirect.	Form.	
M	29	New York Central & Hudson River R. R. Co.—Continued.										
	31	{ Mutual Terminal Co. of Buffalo. ²	32	Mutual Transit Co.....	Stock	\$39,600	11	Delaware, Lackawanna & Western R. R. Co.	Per ct.	100.00	Direct.....	Joint.
							14	Erie R. R. Co.....				
							24	Lehigh Valley R. R. Co.....				
	32	Mutual Transit Co.....					29	New York Central & Hudson River R. R. Co.	100.00	...do.....	Sole.	
							31	Mutual Terminal Co. of Buffalo.				
	33	Rutland R. R. Co. ²	34	Rutland Transit Co.....	Stock	1,000,000	29	New York Central & Hudson River R. R. Co.	50.82	...do.....	Joint.	
						36	New York, New Haven & Hartford R. R. Co.					
	34	Rutland Transit Co.....					33	Rutland R. R. Co.....	100.00	...do.....	Sole.	
	35	The Western Transit Co.....					29	New York Central & Hudson River R. R. Co.	100.00	...do.....	Do.	
N	36	{ New York, New Haven & Hartford R. R. Co. ²	37	Boston Railroad Holding Co.	Stock	27,600,400						
			39	New England Navigation Co.	...do..	49,405,500						
			44	New York, Ontario & Western Ry. Co.	...do..	29,162,200						
	37	Boston Railroad Holding Co. ²	33	Rutland R. R. Co.....	...do..	2,352,050						
			38	Boston & Maine R. R. Co...	...do..	22,573,200						
	38	Boston & Maine R. R. Co. ²	28	Portland, Mount Desert & Machias Steamboat Co.	...do..	15,000	36	New York, New Haven & Hartford R. R. Co.	90.79	Direct.....	Do.	
							37	Boston Railroad Holding Co.	52.92	...do.....	Do.	
			40	Eastern Steamship Corporation.	...do..	2,000,000						
	39	{ New England Navigation Co. ²	41	Hartford & New York Transportation Co.	...do..	2,500,000						
			42	New Bedford, Martha's Vineyard & Nantucket Steamboat Co.	...do..	141,700	36	{ New York, New Haven & Hartford R. R. Co.	100.00	...do.....	Do.	
		43	New England S. S. Co.....	...do..	5,812,400							

O P Q	40	Eastern Steamship Corporation.					39	New England Navigation Co.	39.21		
	41	Hartford & New York Transp. Co.						do.	100.00	Direct.	Do.
	42	New Bedford, Martha's Vineyard & Nantucket Steamboat Co.						do.	100.00	do.	Do.
	43	New England Steamship Co.						do.	100.00	do.	Do.
	44	New York, Ontario & Western Ry. Co. ³					36	New York, New Haven & Hartford R. R. Co.	50.18	do.	Do.
	45	Norfolk & Western Ry. Co. ²	77	Old Dominion Steamship Co.	Stock.	210,000	53	Pennsylvania R. R. Co.	32.25		
	46	Norfolk Southern R. R. Co. ²	47	John L. Roper Lumber Co.	do.	1,000,000					
	47	John L. Roper Lumber Co.					46	Norfolk Southern R. R. Co.	100.00	Direct.	Do.
	48	Northern Pacific Ry. Co. ²	49	Spokane, Portland & Seattle Ry. Co.	Stock.	19,999,500					
	49	{ Spokane, Portland & Seattle Ry. Co. ²	50	{ Dalles, Portland & Astoria Nav. Co.	do.	38,500	{ 48	Northern Pacific Ry. Co.	100.00	Direct.	Joint.
R	50	{ Dalles, Portland & Astoria Nav. Co.					18	Great Northern Ry. Co.	98.21	do.	Sole.
	51	Pacific Coast Co.	52	Pacific Coast Steamship Co.	Stock.	1,499,100	49	Spokane, Portland & Seattle Ry. Co.			
	52	Pacific Coast Steamship Co.					51	Pacific Coast Co.	100.00	Direct.	Do.
			54	Baltimore, Chesapeake & Atlantic Ry. Co.	Stock.	682,607					
			56	Erie & Western Transportation Co.	do.	2,499,650					
			60	Long Island R. R. Co.	do.	6,797,900					
			62	New York, Philadelphia & Norfolk R. R. Co.	do.	2,492,750					
	53	Pennsylvania R. R. Co. ²	45	Norfolk & Western Ry. Co.	do.	42,167,900					
			63	Northern Central Ry. Co.	do.	10,577,200					
			58	Pennsylvania Co.	do.	1,600,000					
S			64	Philadelphia, Baltimore & Washington R. R. Co.	do.	25,135,475					
			67	Susquehanna Coal Co.	do.	2,134,800					
			68	West Jersey & Seashore R. R. Co.	do.	4,910,200					
	54	{ Baltimore, Chesapeake & Atlantic Ry. Co. ³	55	{ Maryland, Delaware & Virginia Ry. Co.	Stock.	1,800,000	65	Delaware R. R. Co.	21.00		
							62	New York, Philadelphia & Norfolk R. R. Co.	20.00		
							53	Pennsylvania R. R. Co.	27.00		
							64	Philadelphia, Baltimore & Washington R. R. Co.	28.00		
	55	Maryland, Delaware & Va. Ry. Co. ³					54	Baltimore, Chesapeake & Atlantic Ry. Co.	60.00	Direct.	Do.
	56	{ Erie & Western Transportation Co.	57	{ Connecting Terminal R. R. Co.	Stock.	20,000	63	Northern Central Ry. Co.	16.60	Direct.	Do.
	57	{ Connecting Terminal R. R. Co. ²					53	Pennsylvania R. R. Co.	83.00		
							56	Erie & Western Transportation Co.	100.00	do.	Do.

¹ By control is meant the sole or joint ownership of more than 50 per cent of the voting securities.

² Not directly engaged in water transportation.

³ Engaged in water transportation as an auxiliary operation.

Carriers engaged in water transportation (except ferry, lighterage, or other terminal service) and their corporate relation to railroad companies on June 30, 1914—Continued.

System designation.	Reference No.	Name of respondent.	Voting securities of other companies owned by respondent.				Voting securities of respondent owned by other companies.				
			Issuing company.		Class of security.	Par value.	Owning company.		Extent of ownership.	Control through ownership. ¹	
			Reference No.	Name.			Reference No.	Name.		Direct or indirect.	Form.
S	53	Pennsylvania R. R. Co.—Contd.							Per ct.		
	58	Pennsylvania Company ²	59	Grand Rapids & Indiana Ry. Co.	Stock.	\$2,965,900	53	Pennsylvania R. R. Co.....	100.00	Direct....	Sole.
			100	Pennsylvania-Ontario Transportation Co.	..do..	124,800	58	Pennsylvania Co.....	51.21	do....	Do.
	59	Grand Rapids & Indiana Ry. Co. ²	99	Mackinac Transportation Co.	..do..	21,666	53	Pennsylvania R. R. Co.....	57.00	do....	Do.
	60	Long Island R. R. Co.....	61	Montauk Steamboat Co.....	..do..	150,000	60	Long Island R. R. Co.....	100.00	do....	Do.
	61	Montauk Steamboat Co.....					53	Pennsylvania R. R. Co.....	99.71	do....	Do.
	62	New York, Phila. & Norfolk R. R. Co. ³	54	Baltimore, Chesapeake & Atlantic Ry. Co.	Stock.	511,250		..do.....	55.00	do....	Do.
	63	Northern Central Ry. Co. ³ ..	56	Erie & Western Transportation Co.	..do..	500,000		..do.....			
			54	Baltimore, Chesapeake & Atlantic Ry. Co.	..do..	704,950		..do.....	99.99	do....	Do.
	64	{ Philadelphia, Balto. & Washington R. R. Co. ³	65	Delaware R. R. Co.....	..do..	2,704,600		..do.....			
			66	Delaware, Maryland & Virginia R. R. Co.	..do..	326,200		..do.....			
	65	Delaware Railroad Co. ² ..	79	Southern Pacific Co.....	..do..	1,848,700	64	Philadelphia, Baltimore & Washington R. R. Co.	53.00	do....	Do.
	66	Delaware, Md. & Va. R. R. Co.	54	Baltimore, Chesapeake & Atlantic Ry. Co.	..do..	528,200		..do.....	72.00	do....	Do.
	67	Susquehanna Coal Co.....					53	Pennsylvania R. R. Co.....	99.00	do....	Do.
	68	West Jersey & Seashore R. R. Co. ³						..do.....	51.00	do....	Do.
T	69	Pere Marquette R. R. Co. ²	70	Marquette & Bessemer Dock & Nav. Co.	Stock.	425,000		..do.....			
	70	{ Marquette & Bessemer Dock & Nav. Co.					7	Bessemer & Lake Erie R. R. Co.	100.00	Direct....	Joint.
							69	Pere Marquette R. R. Co....			

¹¹ Not operating on June 30, 1914. Company disincorporated Aug. 15, 1914.

Carriers engaged in water transportation (except ferry, lighterage, or other terminal service) and their corporate relation to railroad companies on June 30, 1914—Continued.

20

System designation.	Reference No.	Name of respondent.	Voting securities of other companies owned by respondent.				Voting securities of respondent owned by other companies.				
			Issuing company.		Class of security.	Par value.	Owning company.		Extent of ownership.	Control through ownership. ¹	
			Reference No.	Name.			Reference No.	Name.		Direct or indirect.	Form.
W	79	Southern Pacific Co.—Contd.	87	Direct Navigation Co.....	Stock	\$50,000	86	Southern Pacific Co.....	Per ct. 100.00	Direct....	Sole.
	86	Morgan's Louisiana & Texas R. R. & S. S. Co. ²									
	87	Direct Navigation Co....									
	88	Nile Steamship Co.....									
	89	Pacific Mail Steamship Co....									
X	90	Persia Steamship Co.....	92	Chesapeake S. S. Co. of Baltimore, Md.	Stock	400,000	79	Southern Pacific Co.....	100.00	...do.....	Do.
Y	91	Southern Railway Co. ³	94	Oregon Short Line R. R. Co. & Nav. Co.	Stock	99,998,400	93	Union Pacific Railroad Co.	100.00	Direct....	Do.
	92	Chesapeake S. S. Co. of Baltimore, Md.									
	93	Union Pacific R. R. Co. ²									
	94	Oregon Short Line R. R. Co. ³									
	95	Oregon-Washington R. R. & Nav. Co. ²									
Z1	96	San Francisco & Portland S. S. Co.	98	Duluth, So. Shore & Atlantic Ry. Co.	Stock	11,200,000	97	Canadian Pacific Ry. Co....	50.91	Indirect...	Do.
	97	Canadian Pacific Ry. Co. ²	99	Mackinac Transportation Co.	...do..	21,667	98	Duluth, South Shore & Atlantic Ry. Co.	100.00	Direct....	Joint.
	98	Duluth, So. Shore & Atlantic Ry Co. ³									
	99	Mackinac Transportation Co.	59	Grand Rapids & Indiana Ry. Co.	...do..		30	Michigan Central R. R. Co..			

Z2	100	{ Pennsylvania - Ontario Transportation Co. }					{ 97 58	{ Canadian Pacific Ry. Co. Pennsylvania Company..... James W. Ellsworth..... }	100.00	...do.....	Do.	
	101	Grand Trunk Ry. Co. of Canada ² .	102	Canada-Atlantic Transit Co.	Stock	249,500	}					
			103	Central Vermont Ry. Co.	do.	⁶ 2,184,600						
			105	Detroit, Grand Haven & Milwaukee Ry. Co.	do.	1,500,000						
	102	Canada-Atlantic Transit Co.	9	Ontario Car Ferry Co.	do.	⁷ 250,000	}					
	103	Central Vermont Railway Co. ³	104	Central Vermont Transportation Co.	Stock	1,000,000	101	Grand Trunk Ry. Co. of Canada.	100.00	Direct.....	Sole.	
	104	Central Vermont Transportation Co.					101	do.	⁶ 72.82	Indirect...	Do.	
105	Detroit, Grand Haven & Milwaukee Ry. Co. ²	106	Grand Trunk Milwaukee Car Ferry Co.	Stock	200,000	101	Grand Trunk Ry. Co. of Canada.	100.00	...do.....	Do.		
106	Grand Trunk Milwaukee Car Ferry Co.					105	Detroit, Grand Haven & Milwaukee Ry. Co.	100.00	...do.....	Do.		

¹ By control is meant the sole or joint ownership of more than 50 per cent of the voting securities.

² Engaged in water transportation as an auxiliary operation.

³ Not directly engaged in water transportation.

⁴ Includes \$399,500, or 66.58 per cent of total, held by Central Trust Co. of New York, trustee, under Southern Ry. first consolidated mortgage bonds.

⁵ Includes \$11,172,500, or 50.78 per cent of total, held in trust for Canadian Pacific Ry. Co. by Sir Thomas G. Shaughnessy, Sir Wm. Van Horne, K. C. M. G., and Richard B. Angus.

⁶ Includes \$2,164,500, or 72.15 per cent of total, held in trust for Grand Trunk Ry. Co. of Canada by A. W. Smithers, Sir Henry M. Jackson, and Bart E. J. Chamberlin, trustees.

⁷ Includes \$249,700 held in trust for Grand Trunk Ry. Co. of Canada by A. W. Smithers, Sir Henry M. Jackson, and Bart E. J. Chamberlin, trustees.

EXHIBIT 2.

EXPLANATORY NOTE.

In Exhibit 2 all water carrier companies are arranged in alphabetical order. The names of individuals or companies interested in or connected with carriers by water and by rail are also arranged alphabetically for each water carrier company with which connected. The stockholders shown are the holders of 100 shares or more of the capital stock of railroads who likewise are of the largest holders of the voting securities of steamship lines. Instances where an individual or a company is interested in or connected with more than one water carrier have been indicated by appropriate footnotes, and his or its interests in railroad companies are referred to under the caption "carriers by rail." All companies appearing in this exhibit, as well as in Exhibit 1, are given reference numbers corresponding to those shown in the latter exhibit, and by the aid of such numbers their intercorporate relationship can be readily ascertained.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder. ¹	Reference No. ²	Name. ²	Director, officer, or stockholder. ³	Reference No. ²	Name. ²
Bennett, W. E.....	United States.	Officer.....		Alaska Steamship Co.....	Director and officer.....		Nevada Northern Ry. Co.
Bogert, E. C.....	...do.....	Stockholder.....		...do.....	Stockholder.....		Delaware & Hudson Co.
					...do.....	24	Lehigh Valley R. R. Co.
					...do.....	60	Long Island R. R. Co.
					...do.....	3	Louisville & Nashville R. R. Co.
					...do.....	44	New York, Ontario & Western R. Co.
					...do.....	48	Northern Pacific Ry. Co.
Eccles, S. W.....	...do.....	Director and officer.....		...do.....	...do.....		Nevada Northern Ry. Co.
Morgan, J. P. & Co.....	...do.....	Stockholder.....		...do.....	...do.....	14	Erie R. R. Co.
					...do.....	24	Lehigh Valley R. R. Co.
					...do.....		Minn., St. Paul & S. S. M. Ry. Co.
					...do.....	48	Northern Pacific Ry. Co.
Thornley, F. J.....	...do.....	...do.....		...do.....	...do.....		Cleve., Cinn., Chi. & St. Louis Ry. Co.

				do.	Delaware & Hudson Co.
				do.	Erie R. R. Co.
				do.	Minn., St. Paul & S. S. M. Ry. Co.
				do.	Northern Pacific Ry. Co.
				do.	Southern Ry. Co.
				do.	Union Pacific R. R. Co.
Moore, W. H.	do.	Director and officer	Albemarle Steam Navigation Co.	Director	Chicago, Rock Island & Pac. Ry. Co.
				Stockholder	Del., Lackawanna & Western R. R. Co.
				do.	Lehigh Valley R. R. Co.
Herrin, Wm. F. ⁴	do.	Director	80 Albion Lumber Co.	Director	Central Pacific Ry. Co.
				do.	Coos Bay, Roseburgh & En. R. R. & Nav. Co.
				Officer	Southern Pacific Co.
				Director	Union Pacific R. R. Co.
Southern Pacific Co. ⁵	do.	Stockholder	do.	Stockholder	Arizona Eastern R. R. Co.
				do.	Central Pacific Ry. Co.
				do.	Coos Bay, Roseburgh & En. R. R. & Nav. Co.
				do.	Corvallis & Eastern R. R. Co.
				do.	Louisiana Western R. R. Co.
				do.	86 Morgan's La. & Tex. R. R. & S. S. Co.
				do.	Pacific Ry. & Navigation Co.
				do.	Salem, Falls City & Western Ry. Co.
				do.	South Pacific Coast Ry. Co.
White, John E. ⁶	do.	Officer	do.	Officer	Arizona Eastern R. R. Co.
Belmont & Co., August.	do.	Stockholder	American-Asiatic S. S. Co.	Stockholder	Chesapeake & Ohio Ry. Co.
				do.	18 Great Northern Ry. Co.
				do.	21 Illinois Central R. R. Co.
				do.	24 Lehigh Valley R. R. Co.
				do.	60 Long Island R. R. Co.
				do.	45 Norfolk & Western Ry. Co.
				do.	53 Pennsylvania R. R. Co.
				do.	79 Southern Pacific Co.
				do.	91 Southern Ry. Co.
				do.	93 Union Pacific R. R. Co.
Brown Bros. & Co. ⁷	do.	do.	do.	do.	22 Central of Georgia Ry. Co.
				do.	10 Chesapeake & Ohio Ry. Co.

¹ Of 20 largest holders of voting securities.

² See Exhibit 1 for intercorporate relation of carriers by water and by rail.

³ Holding 100 shares or more of capital stock.

⁴ Interested in or connected with Albion Lumber Co., Associated Oil Co., and rail carriers shown in last column opposite company first mentioned.

⁵ Interested in or connected with Albion Lumber Co., Asia S. S. Co., Associated Oil Co., Gulf S. S. Co., Nile S. S. Co., Pacific Mail S. S. Co., Persia S. S. Co., and rail carriers shown in last column opposite company first mentioned.

⁶ Interested in or connected with Albion Lumber Co., New Bedford, Marthas Vineyard & Nantucket Steamboat Co., and rail carrier shown in last column opposite company first mentioned.

⁷ Interested in or connected with American-Asiatic S. S. Co., Philadelphia-New Orleans Transportation Co., and rail carriers shown in last column opposite company first mentioned.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

24

INTERSTATE COMMERCE COMMISSION REPORTS.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Brown, Bros. & Co.....	United States.	Stockholder		American-Asiatic S. S. Co...	Stockholder.....		Chi., Burlington & Quincy R. R. Co.
					do.....		Delaware & Hudson Co.
					do.....	11	Del., Lackawanna & Western R. R. Co.
					do.....	14	Erie R. R. Co.
					do.....	18	Great Northern Ry. Co.
					do.....	21	Illinois Central R. R. Co.
					do.....		Kansas City Southern Ry. Co.
					do.....	3	Louisville & Nashville R. R. Co.
					do.....		Minn. St. Paul & S. S. M. Ry. Co.
					do.....	29	New York Cent. & Hud. Riv. R. R. Co.
					do.....	36	New York, New Hav. & Hart. R. R. Co.
					do.....	45	Norfolk & Western Ry. Co.
					do.....	46	Norfolk Southern R. R. Co.
					do.....	48	Northern Pacific Ry. Co.
					do.....	53	Pennsylvania R. R. Co.
					do.....	33	Rutland R. R. Co.
					do.....	79	Southern Pacific Co.
					do.....	91	Southern Ry. Co.
					do.....		Texas & Pacific Ry. Co.
					do.....	93	Union Pacific R. R. Co.
					do.....		Wisconsin Central Ry. Co.
					do.....	2	Atlantic Coast Line R. R. Co.
Parsens, Wm. Barclay.....	do.....	do.....		do.....	do.....		Delaware & Hudson Co.
					do.....	3	Louisville & Nashville R. R. Co.
Vanderbilt, Cornelius.....	do.....	do.....		do.....	Director.....		Delaware & Hudson Co.
					do.....	21	Illinois Central R. R. Co.
					Stockholder.....	29	New York Cent. & Hud. Riv. R. R. Co.
					Director.....	93	Union Pacific R. R. Co.
					do.....		Yazoo & Miss. Valley R. R. Co.

Crary, Jerry	do.	do.		American-Hawaiian S. S. Co.	Stockholder	14	Erie R. R. Co.
					do.	45	Norfolk & Western Ry. Co.
					do.	48	Northern Pacific Ry. Co.
					do.	53	Pennsylvania R. R. Co.
					do.	79	Southern Pacific Co.
Southern Pacific Co. 1	do.	do.	81	Asia Steamship Co.			
Abrahamson, Bertram E.	do.	do.	82	Associated Oil Co.	Stockholder		Western Pacific Ry. Co.
Dillman, Chas. F.	do.	do.		do.	do.	29	New York Cent. & Hud. Riv. R. Co.
					do.	53	Pennsylvania R. R. Co.
					do.	79	Southern Pacific Co.
					do.	93	Union Pacific R. R. Co.
Edwards, T. O.	do.	Director and officer	do.	do.	Officer	83	Central Pacific Ry. Co.
					do.		South Pacific Coast Ry. Co.
Harriman, Mary W.	do.	Stockholder	do.	do.	Stockholder		Delaware & Hudson Co.
					do.	65	Delaware Railroad Co.
					do.	79	Southern Pacific Co.
					do.	93	Union Pacific R. R. Co.
					do.	79	Southern Pacific Co.
Herold, Rudolph, jr.	do.	Director	do.	do.			
Herrin, Wm. R. 2	do.	Director and officer	do.	do.			
Pollitz & Co., Edw.	do.	Stockholder	do.	do.	Stockholder		Western Pacific Ry. Co.
Schwerin, R. P. 3	do.	Director	do.	do.	do.	93	Union Pacific R. R. Co.
Southern Pacific Co. 1	do.	Stockholder	do.	do.			
Sproule, William	do.	Director and officer	do.	do.	Director	83	Central Pacific Ry. Co.
					do.	79	Southern Pacific Co.
					do.		South Pacific Coast Ry. Co.
Sutro & Co.	do.	Stockholder	do.	do.	Stockholder		Western Pacific Ry. Co.
Bessemer Investment Co.	do.	do.		Atlantic & Pacific S. S. Co.	do.		Delaware & Hudson Co.
					do.	21	Illinois Central R. R. Co.
					do.	29	New York Cent. & Hud. Riv. R. Co.
					do.	45	Norfolk & Western Ry. Co.
					do.	48	Northern Pacific Ry. Co.
					do.	53	Pennsylvania R. R. Co.
					do.	93	Union Pacific R. R. Co.
					do.	53	Pennsylvania R. R. Co.
Bouvier, M.	do.	Director and officer	do.	do.	do.		Lake Erie & Western R. R. Co.
Grace & Co., W. R. 4	do.	Stockholder	do.	do.	do.		Erie R. R. Co.
Berwind, E. J. 5	do.	Director		Atlantic, Gulf & West Indies S. S. line.	Director	14	
					Director and officer		New York, Susq. & Western R. Co.
Booth, Angie M.	do.	Stockholder	do.	do.	Stockholder	2	Atlantic Coast Line R. R. Co.
					do.		Delaware & Hudson Co.
					do.	18	Great Northern Ry. Co.
					do.		Kansas City Southern Ry. Co.

1 See note 5, page 23.

2 See note 4, page 23.

3 Interested in or connected with Associated Oil Co., Pacific Mail S. S. Co., Tyee Co., and rail carrier shown in last column opposite company first mentioned.

4 Interested in or connected with Atlantic & Pacific S. S. Co., New York & Pacific S. S. Co., Ltd., and rail carrier shown in last column opposite company first mentioned.

5 Interested in or connected with Atlantic, Gulf & West Indies S. S. line, Clyde S. S. Co., International Mercantile Marine Co., and rail carriers shown in last column opposite company first mentioned.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

26

INTERSTATE COMMERCE COMMISSION REPORTS.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Booth, Angie M.....	United States.	Stockholder .....	.....	Atlantic, Gulf & West Indies S. S. line.	Stockholder	60	Long Island R. R. Co.
					do.....	3	Louisville & Nashville R. R. Co.
					do.....	79	Southern Pacific Co.
					do.....	93	Union Pacific R. R. Co.
Bowen & Co., J. W.....	do.....	do.....	do.....	do.....	do.....	38	Boston & Maine R. R. Co.
					do.....	10	Chesapeake & Ohio Ry. Co.
					do.....	98	Duluth, So. Shore & Atlantic Ry. Co.
					do.....	26	Maine Central R. R. Co.
					do.....	48	Northern Pacific Ry. Co.
					do.....	69	Pere Marquette R. R. Co.
					do.....	33	Rutland R. R. Co.
Braker, Kathrine G.....	do.....	do.....	do.....	do.....	do.....	79	Southern Pacific Co.
					do.....	10	Chesapeake & Ohio Ry. Co.
Fletcher, Austin B.....	do.....	do.....	do.....	do.....	do.....	48	Northern Pacific Ry. Co.
Hayden, Stone & Co. ¹	do.....	do.....	do.....	do.....	do.....	46	Norfolk Southern R. R. Co.
					do.....	2	Atlantic Coast Line R. R. Co.
					do.....	38	Boston & Maine R. R. Co.
					do.....	10	Chesapeake & Ohio Ry. Co.
					do.....		Cleve., Cinn., Chi. & St. Louis Ry. Co.
					do.....		Colorado & Southern Ry. Co.
					do.....		Delaware & Hudson Co.
					do.....	11	Del., Lackawanna & Western R. R. Co.
					do.....	98	Duluth, So. Shore & Atlantic Ry. Co.
					do.....	14	Erie Railroad Co.
					do.....	18	Great Northern Ry. Co.
					do.....		Kansas City Southern Ry. Co.
					do.....	24	Lehigh Valley R. R. Co.
					do.....	3	Louisville & Nashville R. R. Co.
					do.....	26	Maine Central R. R. Co.

				do.....	29	Minn., St. Paul & S. S. M. Ry. Co.
				do.....		New York Cent. & Hud. Riv. R.
				do.....	36	R. Co.
				do.....		New York, New Hav. & Hart. R.
				do.....	46	R. Co.
				do.....	48	Norfolk Southern R. R. Co.
				do.....	53	Northern Pacific Ry. Co.
				do.....	33	Pennsylvania R. R. Co.
				do.....	79	Rutland R. R. Co.
				do.....	91	Southern Pacific Co.
				do.....		Southern Ry. Co.
Heller, Charles.....	do.....	Stockholder.....	do.....	do.....		Texas & Pacific Ry. Co.
				do.....	14	Erie R. R. Co.
				do.....		Kansas City Southern Ry. Co.
Hill, John F., Inc. ¹	do.....	do.....	do.....	do.....	24	Lehigh Valley R. R. Co.
				do.....	29	New York Cent. & Hud. River R.
				do.....		R. Co.
				do.....	38	Boston & Maine R. R. Co.
				do.....	26	Maine Central R. R. Co.
				do.....	69	Pere Marquette R. R. Co.
Hornblower & Weeks.....	do.....	do.....	do.....	do.....	2	Atlantic Coast Line R. R. Co.
				do.....	38	Boston & Maine R. R. Co.
				do.....	10	Chesapeake & Ohio Ry. Co.
				do.....		Cleve., Cinn., Chi. & St. Louis Ry.
				do.....		Co.
				do.....		Colorado & Southern Ry. Co.
				do.....		Delaware & Hudson Co.
				do.....	98	Duluth, So. Shore & Atlantic Ry.
				do.....		Co.
				do.....	14	Erie R. R. Co.
				do.....	18	Great Northern Ry. Co.
				do.....	21	Illinois Central R. R. Co.
				do.....		Kansas City Southern Ry. Co.
				do.....		Lake Erie & Western R. R. Co.
				do.....	24	Lehigh Valley R. R. Co.
				do.....		Minn., St. Paul & S. S. M. Ry. Co.
				do.....	36	New York, New Hav. & Hart. R.
				do.....		R. Co.
				do.....	45	Norfolk & Western Ry. Co.
				do.....	46	Norfolk Southern R. R. Co.
				do.....	48	Northern Pacific Ry. Co.
				do.....	53	Pennsylvania R. R. Co.
				do.....	33	Rutland R. R. Co.
				do.....	75	Seaboard Air Line Ry.
				do.....	79	Southern Pacific Co.
				do.....	91	Southern Ry. Co.
				do.....		Texas & Pacific Ry. Co.

¹ Interested in or connected with Atlantic, Gulf & West Indies S. S. line, Eastern S. S. Corporation, and rail carriers shown in last column opposite company first mentioned.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Hornblower & Weeks	United States.	Stockholder		Atlantic, Gulf & West Indies S. S. Line.	Stockholder		Western Pacific Ry. Co.
Jones, E. Clarence ¹	do.	do.		do.	do.		Wisconsin Central Ry. Co.
League, J. C.	do.	do.		do.	do.	93	Union Pacific R. R. Co.
Liggett, John E. ²	do.	do.		do.	do.		Kansas City Southern Ry. Co.
					do.	69	Pere Marquette R. R. Co.
					do.		Texas & Pacific Ry. Co.
					do.		Galveston Wharf Co.
					do.		Kansas City Southern Ry. Co.
					Director	26	Maine Central R. R. Co.
Mallory, Henry R. ³	do.	Director and officer		do.	Stockholder	69	Pere Marquette R. R. Co.
					do.	18	Great Northern Ry. Co.
					do.	60	Long Island R. R. Co.
					do.	45	Norfolk & Western Ry. Co.
					do.	48	Northern Pacific Ry. Co.
Menier, Gaston	France.	Stockholder		do.	do.	93	Union Pacific R. R. Co.
					do.	10	Chesapeake & Ohio Ry. Co.
					do.		Colorado & Southern Ry. Co.
					do.	24	Lehigh Valley R. R. Co.
					do.		Minn., St. Paul & S. S. M. Ry. Co.
					do.	48	Northern Pacific Ry. Co.
Millet, Roe & Hagen	United States.	do.		do.	do.	79	Southern Pacific Co.
					do.	14	Erie R. R. Co.
					do.	18	Great Northern Ry. Co.
					do.	36	New York, New Hav. & Hart. R. R. Co.
					do.	45	Norfolk & Western Ry. Co.
					do.	48	Northern Pacific Ry. Co.
					do.	53	Pennsylvania R. R. Co.
					do.		Peoria & Eastern Ry. Co.
					do.	79	Southern Pacific Co.
					do.	93	Union Pacific R. R. Co.
Wallace, Sumner	do.	do.		do.	do.	36	New York, New Hav. & Hart. R. R. Co.

Weld, Grew & Co.	do.	do.	do.	do.	do.	18	Great Northern Ry. Co.
					do.	21	Illinois Central R. R. Co.
					do.		Kansas City Southern Ry. Co.
					do.	36	New York, New Hav. & Hart. R. R. Co.
					do.	48	Northern Pacific Ry. Co.
					do.	53	Pennsylvania R. R. Co.
Atlas Portland Cement Co.	do.	do.	Atlas Transportation Co.	do.	do.		Hannibal Connecting R. R. Co.
				do.	do.		Northampton & Bath R. R. Co.
Averill, W. C.	do.	Director	do.	Director	do.		Hannibal Connecting R. R. Co.
Baker, W. H.	do.	do.	do.	Officer	do.		Do.
Mahan, Geo. A.	do.	do.	do.	Director	do.		Do.
Maxwell, Howard W.	do.	do.	do.	Stockholder	72		Central Railroad Co. of New Jersey.
				do.			Hannibal Connecting R. R. Co.
				do.			Northampton & Bath R. R. Co.
				do.	93		Union Pacific R. R. Co.
Blair, J. A.	do.	do.	76	Baltimore Steam Packet Co.	Director	75	Seaboard Air Line Ry.
Harahan, W. J. ⁴	do.	do.	do.	do.	do.	75	Do.
New York Trust Co. ⁵	do.	Stockholder (as trustee for Seaboard Air Line Ry.).	do.	do.	Stockholder		Colorado & Wyoming Ry. Co.
				do.			Crystal River R. R. Co.
				do.			Galveston, Houston & Henderson R. R. Co.
				do.		18	Great Northern Ry. Co.
				do.		24	Lehigh Valley R. R. Co.
				do.		3	Louisville & Nashville R. R. Co.
				do.		29	New York Cent. & Hud. Riv. R. R. Co.
				do.		62	New York, Phila. & Norfolk R. R. Co.
				do.		48	Northern Pacific Ry. Co.
				do.		93	Union Pacific R. R. Co.
Sherwood, John R.	do.	Director and officer.	76	do.	do.	75	Seaboard Air Line Ry.
Thomas, Douglas H.	do.	Director	do.	do.	do.	2	Atlantic Coast Line R. R. Co.
				do.		63	Northern Central Ry. Co.
				do.		75	Seaboard Air Line Ry.
Warfield, S. Davies.	do.	do.	do.	Director and stock- holder.	75		Do.
Beattie, John, estate of.	do.	Owner	Beattie, John, estate of.	Stockholder	36		New York, New Hav. & Hart. R. R. Co.
Eaton, Caroline K.	do.	Stockholder	Benedict-Manson Marine Co.	do.	36		Do.

¹ Interested in or connected with Atlantic, Gulf & West Indies S. S. line, Clyde S. S. Co., and rail carriers shown in last column opposite company first mentioned.

² Interested in or connected with Atlantic, Gulf & West Indies S. S. line, Boston & Yarmouth S. S. Co., Ltd., Eastern S. S. Corporation, and rail carriers shown in last column opposite company first mentioned.

³ Interested in or connected with Atlantic, Gulf & West Indies S. S. line, Clyde S. S. Co., Eastern S. S. Corporation, Mallory S. S. Co., New York and Porto Rico S. S. Co., and rail carriers shown in last column opposite company first mentioned.

⁴ Interested in or connected with Baltimore Steam Packet Co., Old Dominion S. S. Co., and rail carrier shown in last column opposite company first mentioned.

⁵ Interested in or connected with Baltimore Steam Packet Co., New York and Porto Rico S. S. Co., Old Dominion S. S. Co., and rail carriers shown in last column opposite company first mentioned.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Eaton, George F.....	United States.	Director.....	.....	Benedict-Manson Marine Co.	Stockholder	36	New York, New Hav. & Hart. R. R. Co.
Grooley, Edwin S.....	do.....	Stockholder.....	.....	do.....	do.....	36	Do.
Manson, Helen H. P.....	do.....	do.....	.....	do.....	do.....	24	Lehigh Valley R. R. Co.
Bennett, H. W.....	do.....	Director and officer.....	.....	Bennett's North Carolina line.	do.....	53	Pennsylvania R. R. Co.
Liggett, John E. ¹	do.....	Director.....	.....	Boston & Yarmouth S. S. Co., Ltd.	Director.....	.....	Texas & Pacific Ry. Co.
Brown, John W.....	do.....	Director and officer.....	.....	Bridgeport & Port Jefferson S. B. Co.	Stockholder.....	63	Northern Central Ry. Co.
McCutchen, Chas. W.....	do.....	Stockholder.....	.....	Bull Steamship Co.....	do.....	14	Erie R. R. Co.
Chamberlain, E. J. ²	Canada.....	Director and officer.....	102	Canada-Atlantic Transit Co.	Director.....	103	Central Vermont Ry. Co.
					Director and officer.....	105	Det., Grand Haven & Milwaukee Ry. Co.
Dalrymple, J. E. ³	do.....	do.....	.....	do.....	do.....	101	Grand Trunk Ry. Co. of Canada.
Grand Trunk Ry. Co. of Canada.	do.....	Stockholder.....	.....	do.....	Stockholder.....	103	Do.
					do.....	105	Central Vermont Ry. Co.
Kelly, Howard G. ³	do.....	Director and officer.....	.....	do.....	Director and officer.....	83	Det., Grand Haven & Milwaukee Ry. Co.
					do.....	105	Central Pacific Ry. Co.
Scott, Frank ⁴	do.....	do.....	.....	do.....	Director.....	105	Det., Grand Haven & Milwaukee Ry. Co.
Smith, W. H. ³	do.....	do.....	.....	do.....	Stockholder.....	98	Do.
					do.....	45	Duluth, So. Shore & Atlantic Ry. Co.
Winslow, E. B. ⁵	United States.	do.....	.....	Casco Bay & Harpswell lines.	Director.....	38	Norfolk & Western Ry. Co.
					do.....	26	Boston & Maine R. R. Co.
					do.....	.....	Bridgton & Saco River R. R. Co.
					do.....	.....	Maine Central R. R. Co.
Chamberlin, E. J. ²	Canada.....	Director and stockholder.	104	Central Vermont Transportation Co.	.....	.....	Sandy Riv. & Rangeley Lakes R. R. Co.

Deschenes, E., jr.....	United States.	Officer.....	do.....	Director.....	103	Central Vermont Ry. Co.
Jones, G. C.....	do.....	Director and officer.....	do.....	Director and officer.....	103	Do.
Smith, E. C.....	do.....	do.....	do.....	Director.....	103	Do.
Sweetser, H. P.....	do.....	do.....	do.....	do.....	103	Do.
Witters, C. W.....	do.....	Director and stockholder.....	do.....	do.....	103	Do.
Atlantic Coast Line R. R. Co. ⁵	do.....	Stockholder.....	92 Chesapeake S. S. Co.....	Stockholder.....	3	Louisville & Nashville R. R. Co. (stock held by New York Trust Company, trustee).
Central Trust Co. of New York (trustees).....	do.....	Stockholder (as trustee for Southern Ry. Co.).	do.....	do.....	.....	Chicago, Rock Island & Pac. Ry. Co.
				do.....	.....	Colorado & Southern Ry. Co.
				do.....	11	Del., Lackawanna & Western R. Co.
				do.....	98	Duluth, So. Shore & Atlantic Ry. Co.
				do.....	14	Erie R. R. Co.
				do.....	.....	Ft. Worth & Denver City Ry. Co.
				do.....	.....	Galveston, Houston & Henderson R. R. Co.
				do.....	29	New York Cent. & Hud. Riv. R. Co.
				do.....	48	Northern Pacific Ry. Co.
				do.....	93	Union Pacific R. R. Co.
				do.....	.....	Wichita Valley Ry. Co.
Compton, Key ⁷	do.....	Director and officer.....	do.....	Director.....	91	Chesapeake & Ohio Ry. Co.
Culp, J. M.....	do.....	Director.....	do.....	Stockholder.....	55	Southern Ry. Co.
Gibbs, John S.....	do.....	do.....	do.....	do.....	63	Md., Del. & Va. Ry. Co.
				do.....	79	Northern Central Ry. Co.
James, Norman ⁸	do.....	Director and officer.....	do.....	do.....	2	Southern Pacific Co.
				do.....	55	Atlantic Coast Line R. R. Co.
Jenkins, Michael ⁸	do.....	Director.....	do.....	Director.....	63	Md., Del. & Va. Ry. Co.
				do.....	2	Northern Central Ry. Co.
				do.....	.....	Atlantic Coast Line R. R. Co.
				do.....	3	Charleston & West. Carolina Ry. Co.
				do.....	.....	Louisville & Nashville R. R. Co.

¹ See note 2, page 29.² Interested in or connected with Canada-Atlantic Transit Co., Central Vermont Transportation Co., Grand Trunk Milwaukee Car Ferry Co., Ontario Car Ferry Co., and rail carriers shown in last column opposite company first mentioned.³ Interested in or connected with Canada-Atlantic Transit Co., Ontario Car Ferry Co., and rail carrier (or carriers) shown in last column opposite company first mentioned.⁴ Interested in or connected with Canada-Atlantic Transit Co., Grand Trunk Milwaukee Car Ferry Co., Ontario Car Ferry Co., and rail carrier shown in last column opposite company first mentioned.⁵ Interested in or connected with Casco Bay & Harpswell lines, Portland, Mt. Desert & Machias S. B. Co., and rail carriers shown in last column opposite company first mentioned.⁶ Interested in or connected with Chesapeake S. S. Co., Old Dominion S. S. Co., Peninsular & Occidental S. S. Co., and rail carrier shown in last column opposite company first mentioned.⁷ Interested in or connected with Chesapeake S. S. Co., Old Dominion S. S. Co., and rail carrier shown in last column opposite company first mentioned.⁸ Interested in or connected with Chesapeake S. S. Co., Merchants & Miners' Transportation Co., and rail carriers shown in last column opposite company first mentioned.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Jenkins, Michael ¹	United States.	Director		Chesapeake S. S. Co.....	Stockholder.....		Maryland & Pennsylvania R. R. Co.
					do.....	36	New York, New Hav. & Hart. R. R. Co.
					do.....	63	Northern Central Ry. Co.
Kenly, J. R. ²	do.....	do.....		do.....	do.....	53	Pennsylvania R. R. Co.
					Director, officer, and stockholder.	2	Atlantic Coast Line R. R. Co.
					Director and officer.....		Charleston & West. Carolina Ry Co.
Wilson, Wins F.....	do.....	Officer.....		do.....	do.....	45	Norfolk & Western Ry. Co.
Citizens Savings & Trust Co.	do.....	Stockholder.....		Cleveland & Buffalo Transit Co.	Stockholder.....	91	Southern Ry. Co.
					do.....	24	Lehigh Valley R. R. Co.
					do.....	48	Northern Pacific Ry. Co.
					do.....		Ouachita & Northwestern R. R. Co.
					do.....	53	Pennsylvania R. R. Co.
					do.....	79	Southern Pacific Co.
					do.....	93	Union Pacific R. R. Co.
Halle, Manuel.....	do.....	do.....		do.....	do.....	24	Lehigh Valley R. R. Co.
					do.....	93	Union Pacific R. R. Co.
Berwind, E. J. ³	do.....	Director.....		Clyde Steamship Co.....	do.....		
Case, Mrs. Laura L.....	do.....	Stockholder.....		do.....	Stockholder.....	38	Boston & Maine R. R. Co.
					do.....	18	Great Northern Ry. Co.
					do.....	36	New York, New Hav. & Hart. R. R. Co.
					do.....	53	Pennsylvania R. R. Co.
Jones, E. Clarence ⁴	do.....	do.....		do.....	do.....		
Mallory, Henry R. ⁵	do.....	Director and officer.....		do.....	Stockholder.....		
Mallory, Robert ⁶	do.....	Director.....		do.....	do.....	18	Great Northern Ry. Co.
					do.....	60	Long Island R. R. Co.
					do.....	48	Northern Pacific Ry. Co.
					do.....	79	Southern Pacific Co.
					do.....	93	Union Pacific R. R. Co.

Travis, Ezra J.	do.	Stockholder	do.	do.	18	Great Northern Ry. Co.
					60	Long Island R. R. Co.
Carey & Kerr	do.	Officers	50	Dalles, Portland & Astoria Nav. Co.	93	Union Pacific R. R. Co.
Dunbar, T. N.	do.	Officer		do.	49	Spokane, Portland & Seattle Ry. Co.
Gilman, L. C.	do.	Director and officer		do.	49	Do.
Pearson, E.	do.	Director		do.	49	Do.
				do.	48	Northern Pacific Ry. Co.
Reid, Geo. T.	do.	do.		do.	49	Spokane, Portland & Seattle Ry. Co.
Relf, R. H.	do.	Officer		do.	49	Do.
Turner, W. F.	do.	Director and officer		do.	49	Do.
Baker, J. A.	do.	Director	87	Direct Navigation Co.		Galveston, Houston & Henderson R. R. Co.
Morgan's Louisiana & Tex. R. R. & S. S. Co.	do.	Stockholder		do.		Iberia & Vermilion R. R. Co.
Neill, Hugh ⁷	do.	Officer		do.		Arizona Eastern R. R. Co.
				do.	83	Central Pacific Ry. Co.
				do.		Louisiana Western R. R. Co.
				do.	86	Morgan's La. & Tex. R. R. & S. S. Co.
				do.	79	Southern Pacific Co.
Scott, W. B.	do.	Director and officer		do.		Crescent City Ry. Co.
				do.		Iberia & Vermilion R. R. Co.
				do.		Louisiana Western R. R. Co.
				do.	86	Morgan's La. & Tex. R. R. & S. S. Co.
				do.	79	Southern Pacific Co.
Van Deventer, A. K. ¹	do.	Officer		do.		Arizona Eastern R. R. Co.
				do.	83	Central Pacific Ry. Co.
				do.		Chicago & Erie R. R. Co.
				do.		Iberia & Vermilion R. R. Co.
				do.	21	Illinois Central R. R. Co.
				do.		Louisiana Western R. R. Co.
				do.	86	Morgan's La. & Tex. R. R. & S. S. Co.
				do.		Peoria & Eastern Ry. Co.
				do.	79	Southern Pacific Co.
Waid, G. S.	do.	do.		do.		Iberia & Vermilion R. R. Co.
				do.		Louisiana Western R. R. Co.
				do.	86	Morgan's La. & Tex. R. R. & S. S. Co.
Kelly, Geo. W.	do.	do.		East Shore line		Lake Erie & Western R. R. Co.

¹ See note 8, page 31.² Interested in or connected with Chesapeake S. S. Co., Peninsular & Occidental S. S. Co., and rail carriers shown in last column opposite company first mentioned.³ See note 5, page 25.⁴ See note 1, page 29.⁵ See note 3, page 29.⁶ Interested in or connected with Clyde S. S. Co., Mallory S. S. Co., and rail carriers shown in last column opposite company first mentioned.⁷ Interested in or connected with Direct Navigation Co., Gulf S. S. Co., Pacific Mail S. S. Co., and rail carriers shown in last column opposite company first mentioned.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

34

INTERSTATE COMMERCE COMMISSION REPORTS.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Cobb, Melville L.....	United States.	Stockholder.....	40	Eastern Steamship Corporation.	Stockholder	26	Maine Central R. R. Co.
					do.....	53	Pennsylvania R. R. Co.
					do.....	93	Union Pacific R. R. Co.
Hayden, Stone & Co. ¹	do.....	do.....		do.....			
Hill, John F., Inc. ¹	do.....	do.....		do.....			
Liggett, John E. ²	do.....	Director.....		do.....			
Mallory, Henry R. ³	do.....	do.....		do.....			
Paine, Webber & Co.....	do.....	Stockholder.....		do.....	Stockholder.....	38	Boston & Maine R. R. Co.
					do.....	10	Chesapeake & Ohio Ry. Co.
					do.....		Cleve., Cinn., Chi. & St. Louis Ry. Co.
					do.....	18	Great Northern Ry. Co.
					do.....		Minn., St. Paul & S. S. M. Ry. Co.
					do.....	36	New York, New Hav. & Hart. R. R. Co.
					do.....	48	Northern Pacific Ry. Co.
					do.....	75	Seaboard Air Line Ry.
					do.....	79	Southern Pacific Co.
					do.....	38	Boston & Maine R. R. Co.
					do.....	14	Erie R. R. Co.
					do.....	18	Great Northern Ry. Co.
					do.....	21	Illinois Central R. R. Co.
					do.....	3	Louisville & Nashville R. R. Co.
					do.....	29	New York Cent. & Hud. Riv. R. R. Co.
					do.....	36	New York, New Hav. & Hart. R. R. Co.
					do.....	48	Northern Pacific Ry. Co.
					do.....	53	Pennsylvania R. R. Co.
					do.....	69	Pere Marquette R. R. Co.
					do.....	79	Southern Pacific Co.
					do.....	91	Southern Ry. Co.
					do.....	93	Union Pacific R. R. Co.
Richardson, Hill & Co.....	do.....	do.....	40	do.....			

Schirmer, F. A., & Co.	do.	do.	do.	do.	do.	Texas & Pacific Ry. Co.
State Trust Co.	do.	do.	do.	do.	do.	26 Maine Central R. R. Co.
					do.	36 New York, New Hav. & Hart.
					do.	36 R. R. Co.
Atterbury, W. W.	do.	Director.	56	Erie & Western Transportation Co.	Director.	54 Balto., Ches. & Atlantic Ry. Co.
					do.	83 Central Pacific Ry. Co.
					do.	60 Long Island R. R. Co.
					do.	55 Md., Del. & Va. Ry. Co.
					do.	45 Norfolk & Western Ry. Co.
					do.	63 Northern Central Ry. Co.
					Director and stockholder.	53 Pennsylvania R. R. Co.
					Director.	64 Phila., Balto. & Wash. R. R. Co.
					do.	68 West Jersey & Seashore R. R. Co.
Bunting, C. M. ⁴	do.	Officer.		do.	Officer.	54 Balto., Ches. & Atlantic Ry. Co.
					do.	66 Del., Md. & Va. R. R. Co.
					do.	65 Delaware R. R. Co.
					do.	60 Long Island R. R. Co.
					do.	55 Md., Del. & Va. Ry. Co.
					do.	63 Northern Central Ry. Co.
					do.	53 Pennsylvania R. R. Co.
					do.	64 Phila., Balto. & Wash. R. R. Co.
					do.	68 West Jersey & Seashore R. R. Co.
Conner, H. P.	do.	do.		do.	do.	54 Balto., Ches. & Atlantic Ry. Co.
					do.	63 Northern Central Ry. Co.
Dixon, Geo. D.	do.	Director and officer.		do.	Director.	54 Balto., Ches. & Atlantic Ry. Co.
					do.	60 Long Island R. R. Co.
					Stockholder.	63 Northern Central Ry. Co.
					do.	53 Pennsylvania R. R. Co.
					Director.	64 Phila., Balto. & Wash. R. R. Co.
					Stockholder.	68 West Jersey & Seashore R. R. Co.
Donaldson, S. J.	do.	Officer.		do.	Officer.	54 Balto., Ches. & Atlantic Ry. Co.
					do.	66 Del., Md. & Va. R. R. Co.
					do.	60 Long Island R. R. Co.
					do.	63 Northern Central R. R. Co.
					do.	53 Pennsylvania R. R. Co.
					do.	64 Phila., Balto. & Wash. R. R. Co.
					do.	68 West Jersey & Seashore R. R. Co.
Gowen, F. I.	do.	do.		do.	do.	54 Balto., Ches. & Atlantic Ry. Co.
					do.	65 Delaware R. R. Co.
					do.	55 Md., Del. & Va. Ry. Co.
					do.	63 Northern Central Ry. Co.
					do.	53 Pennsylvania R. R. Co.
					do.	64 Phila., Balto. & Wash. R. R. Co.
					do.	68 West Jersey & Seashore R. R. Co.

¹ See note 1, page 27.

² See note 2, page 29.

³ See note 3, page 29.

⁴ Interested in or connected with Erie & Western Transportation Co., Montauk Steamboat Co., and rail carriers shown in last column opposite company first mentioned.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

36

INTERSTATE COMMERCE COMMISSION REPORTS.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Green, John P., ¹	United States.	Director.....		Erie & Western Transportation Co.	Director and officer....	66	Del., Md. & Va. R. R. Co.
					do.....	65	Delaware R. R. Co.
					Director and stockholder.	59	Grand Rapids & Indiana Ry. Co.
					do.....	60	Long Island R. R. Co.
					do.....	62	New York, Phila. & Norfolk R. R. Co.
					do.....	45	Norfolk & Western Ry. Co.
					do.....	63	Northern Central Ry. Co.
					do.....	53	Pennsylvania R. R. Co.
					do.....	64	Phila., Balto. & Wash. R. R. Co.
					do.....	68	West Jersey & Seashore R. R. Co.
Newbern, R. H. ²	..do.....	Officer.....	..do.....	..do.....	Officer.....	54	Balto., Ches. & Atlantic Ry. Co.
					do.....	55	Md., Del. & Va. Ry. Co.
Northern Central Ry. Co.	..do.....	Stockholder.....	..do.....	..do.....	Stockholder.....	45	Norfolk & Western Ry. Co.
					do.....	53	Pennsylvania R. R. Co.
Patterson, George S.	..do.....	..do.....	..do.....	..do.....	Officer.....	54	Balto., Ches. & Atlantic Ry. Co.
					Stockholder.....	65	Delaware R. R. Co.
					Officer and stockholder	55	Md., Del. & Va. Ry. Co.
					Stockholder.....	62	New York, Phila. & Norfolk R. R. Co.
					Officer.....	63	Northern Central Ry. Co.
					Director and officer....	53	Pennsylvania R. R. Co.
					Officer.....	64	Phila., Balto. & Wash. R. R. Co.
					do.....	68	West Jersey & Seashore R. R. Co.
Patton, W. A.	..do.....	..do.....	..do.....	..do.....	Director and officer....	62	New York, Phila. & Norfolk R. R. Co.
Pennsylvania Railroad Co. ¹	..do.....	..do.....	..do.....	..do.....	Stockholder.....	54	Balto., Ches. & Atlantic Ry. Co.
					do.....	60	Long Island R. R. Co.
					do.....	36	New York, New Hav. & Hart. R. Co.
					do.....	62	New York, Phila. & Norfolk R. R. Co.
					do.....	45	Norfolk & Western Ry. Co.

				do.	63	Northern Central Ry. Co.
				do.	58	Pennsylvania Co.
				do.	58	Phila., Balto. & Wash. R. R. Co.
				do.	64	Southern Pacific Co.
				do.	79	West Jersey & Seashore R. R. Co.
				do.	54	Balto., Ches. & Atlantic Ry. Co.
				do.	66	Del., Md. & Va. R. R. Co.
				do.	65	Delaware R. R. Co.
				do.	60	Long Island R. R. Co.
				do.	55	Md., Del. & Va. Ry. Co.
				do.	63	Northern Central Ry. Co.
				do.	53	Pennsylvania R. R. Co.
				do.	64	Phila., Balto. & Wash. R. R. Co.
				do.	68	West Jersey & Seashore R. R. Co.
				do.	54	Balto., Ches. & Atlantic Ry. Co.
				do.	66	Del., Md. & Va. R. R. Co.
				do.	65	Delaware R. R. Co.
				do.	60	Long Island R. R. Co.
				do.	55	Md., Del. & Va. Ry. Co.
				do.	63	Northern Central Ry. Co.
				do.	53	Pennsylvania R. R. Co.
				do.	64	Phila., Balto. & Wash. R. R. Co.
				do.	68	West Jersey & Seashore R. R. Co.
				do.	2	Atlantic Coast Line R. R. Co.
Howell, Lee ³	do.	Director and officer	Evansville & Bowling Green Packet Co.	Stockholder		
Jones, D. H. E. ⁴	do.	do.	Girard Trust Co. (American Transportation Company).	do.	3	Louisville & Nashville R. R. Co.
Alexander, Geo. W.	do.	Officer	Grand Trunk Milwaukee Car Ferry Co.	Director and officer	105	Det., Grand Haven & Milwaukee Ry. Co.
Atwater, A. B.	do.	Director	do.	Director	105	do.
Chamberlin, E. J. ⁵	Canada.	Director and officer	do.			
Scott, Frank ⁶	do.	Director	do.	Director		
Clemson, D. M. ⁷	United States.	Stockholder	Great Lakes & St. Lawrence Transp. Co.	do.		Bessemer & Lake Erie R. R.
Hoyt, Jas. H.	do.	Director and stockholder	do.	Stockholder	46	Norfolk Southern R. R. Co.
Mitchell, John J.	do.	do.	do.	Director and officer		Hocking Valley Ry. Co.
				Director		Chicago, Rock Island & Pac. Ry. Co.

¹ Interested in or connected with Erie & Western Transportation Co., Susquehanna Coal Co., and rail carriers shown in last column opposite company first mentioned.

² Interested in or connected with Erie & Western Transportation Co., Montauk Steamboat Co., and rail carriers shown in last column opposite company first mentioned.

³ Interested in or connected with Evansville & Bowling Green Packet Co., Louisville & Evansville Transportation Co., St. Louis & Tennessee River Packet Co., and rail carriers shown in last column opposite company first mentioned.

⁴ Interested in or connected with Girard Trust Co., Philadelphia-New Orleans Transportation Co., and rail carrier shown in last column opposite company first mentioned.

⁶ See note 2, page 31.

⁶ See note 4, page 31.

⁷ Interested in or connected with Great Lakes & St. Lawrence Transportation Co., Marquette & Bessemer Dock & Navigation Co., and rail carriers shown in last column opposite company first mentioned.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

38

INTERSTATE COMMERCE COMMISSION REPORTS.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Mitchell, John J	United States.	Director and stockholder.		Great Lakes & St. Lawrence Transp. Co.	Director		Colorado & Southern Ry. Co.
					Stockholder	21	Illinois Central R. R. Co.
					Director		Kankakee & Seneca R. R. Co.
Wade, J. H.	do	Stockholder		do	do		Kansas City Southern Ry. Co.
Great Northern Ry. Co. ¹	do	do	19	Great Northern S. S. Co.	Director and officer		Lake Superior & Ishpeming Ry. Co.
					Stockholder	49	Spokane, Portland & Seattle Ry. Co.
Hill, Louis W. ¹	do	Director		do	Director and officer	18	Great Northern Ry. Co.
					Stockholder	48	Northern Pacific Ry. Co.
Jackson, R. A. ¹	do	do		do	Director and officer	18	Great Northern Ry. Co.
Katzenbach L. E. ¹	do	Director and officer		do	do	18	Do.
Kenney, W. P. ¹	do	do		do	Officer	18	Do.
Lindley, E. C. ¹	do	Director		do	do	18	Do.
Martin, G. R. ¹	do	Director and officer		do	do	18	Do.
Nichols, E. T.	do	Officer		do	do	18	Do.
					Director and stockholder.		Chicago, Burlington & Quincy R. R. Co.
					Director		Colorado & Southern Ry. Co.
Thomas, A. M.	do	do		do	Director and officer	18	Great Northern Ry. Co.
Bartholomew, B. G.	do	do	85	Gulf Steamship Co.	Officer	18	Do.
Bull, W. F. ²	do	do		do	do	79	Southern Pacific Co.
					do		Arizona Eastern R. R. Co.
					do	83	Central Pacific Ry. Co.
					Stockholder	10	Chesapeake & Ohio Ry. Co.
					Officer	14	Erie R. R. Co.
					do		Louisiana Western R. R. Co.
					do	79	Southern Pacific Co.
					Stockholder	93	Union Pacific R. R. Co.
Jungen, C. W.	do	do		do	Officer	79	Southern Pacific Co.
Krutschmitt, J. ²	do	Director		do	Director		Arizona Eastern R. R. Co.
					do		Iberia & Vermilion R. R. Co.
					do		Louisiana Western R. R. Co.
					do	86	Morgan's La. & Tex. R. R. & S. S. Co.
					do	79	Southern Pacific Co.

McDonald, A. D. ²	do.	Director and officer	do.	Officer	83	Arizona Eastern R. R. Co.
				do.	83	Central Pacific Ry. Co.
				do.		Louisiana Western R. R. Co.
				do.	86	Morgan's La. & Tex. R. R. & E. S. Co.
				do.	79	Southern Pacific Co.
				do.		South Pacific Coast Ry. Co.
Neill, Hugh ³	do.	do.	do.			
Southern Pacific Co. ⁴	do.	Stockholder	do.			
Spence, L. J. ²	do.	Director and officer	do.	Director and officer		Arizona Eastern R. R. Co.
				do.		Louisiana Western R. R. Co.
				do.	86	Morgan's La. & Tex. R. R. & S. S. Co.
				do.	79	Southern Pacific Co.
Van Deventer, A. K. ³	do.	Officer	do.			
Stubbs, R. S.	do.	do.	85	Officer	79	Do.
Worthington, W. A. ²	do.	Director	do.	Director and officer		Louisiana Western R. R. Co.
				Officer	79	Southern Pacific Co.
Ellis, J. H.	do.	Director and officer	4	Officer and stockholder	3	Louisville & Nashville R. R. Co.
Haydon, Charles	do.	Officer		Stockholder	3	Do.
Huston, P. P.	do.	do.		Officer	3	Do.
Mapother, W. L.	do.	Director and officer		Stockholder	3	Do.
Roberts, J. M.	do.	Officer		Officer	3	Do.
Smith, Milton H.	do.	Director and officer		Director and officer	3	Do.
Sullivan, E. O.	do.	Officer		Officer	3	Do.
Barney, D. Newton	do.	Director	41	Director and stockholder		Central New England Ry. Co.
				Stockholder	21	Illinois Central R. R. Co.
				Director and stockholder	36	New York, New Hav. & Hart. R. R. Co.
				Director	44	New York, Ontario & West. Ry. Co.
				Stockholder	45	Norfolk & Western Ry. Co.
				do.	48	Northern Pacific Ry. Co.
Brewster, Frederick F. ⁵	do.	do.	do.	Director		Central New England Ry. Co.
				do.	26	Maine Central R. R. Co.
				do.	36	New York, New Hav. & Hart. R. R. Co.
Buckland, E. G. ⁶	do.	Director and officer	do.	do.		Central New England Ry. Co.
				do.	36	New York, New Hav. & Hart. R. R. Co.

¹ Interested in or connected with Great Northern S. S. Co., Northern S. S. Co., and rail carrier (or carriers) shown in last column opposite company first mentioned.

² Interested in or connected with Gulf S. S. Co., Pacific Mail S. S. Co., and rail carriers shown in last column opposite company first mentioned.

³ See note 6, page 33.

⁴ See note 5, page 23.

⁵ Interested in or connected with Hartford & New York Transportation Co., New England S. S. Co., and rail carriers shown in last column opposite company first mentioned.

⁶ Interested in or connected with Hartford & New York Transportation Co., New England Navigation Co., New England S. S. Co., and rail carriers shown in last column opposite company first mentioned.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

40

INTERSTATE COMMERCE COMMISSION REPORTS.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No. ²	Name.	Director, officer, or stockholder.	Reference No.	Name.
Clark, A. E. ¹	United States.	Officer.....		Hartford & New York Transportation Co.	Officer.....		Central New England Ry. Co.
					do.....	36	New York, New Hav. & Hart. R. R. Co.
Elliott, Howard ²	do.....	Director and officer.....		do.....	Director and officer.....		Central New England Ry. Co.
					do.....	36	New York, New Hav. & Hart. R. R. Co.
					do.....	44	New York, Ontario & Western Ry. Co.
					Stockholder.....	48	Northern Pacific Ry. Co.
					Director.....		Rangeley Lakes & Megantic R. R. Co.
Goodrich, C. C.	do.....	Director.....		do.....	Director and officer....	33	Rutland R. R. Co.
Goodrich, E. S.	do.....	do.....		do.....	Stockholder.....	36	New York, New Hav. & Hart. R. R. Co.
Hemingway, Jas. S. ¹	do.....	do.....		do.....	do.....	36	Do.
					Director.....		Central New England Ry. Co.
Howe, D. R.	do.....	do.....		do.....	Director and stockholder.....	36	New York, New Hav. & Hart. R. R. Co.
Hustis, Jas. S. ³	do.....	Officer.....		do.....	Stockholder.....	36	Do.
May, A. S. ¹	do.....	do.....		do.....	Director and officer.....	36	Do.
					do.....		Central New England Ry. Co.
					do.....	36	New Jersey & New York R. R. Co.
					do.....		New York, New Hav. & Hart. R. R. Co.
Robertson, A. Heaton ⁴	do.....	Director.....		do.....	Director.....		Central New England Ry. Co.
					Director and stockholder.....	36	New York, New Hav. & Hart. R. R. Co.
					Director.....	41	New York, Ontario & Western Ry. Co.
Skinner, William ⁵	do.....	do.....		do.....	do.....		Central New England Ry. Co.
					Stockholder.....	24	Lehigh Valley R. R. Co.
					Director and stockholder.....	36	New York, New Hav. & Hart. R. R. Co.
					Director.....		Rangeley Lakes & Megantic R. R. Co.

Underwood, F. D. ⁶	do.	do.	15	Hillside Coal & Iron Co.	do. Director and officer.	33	Rutland R. R. Co. Bath & Hammondsport R. R. Co. Chicago & Erie R. R. Co. Erie R. R. Co. New Jersey & New York R. R. Co. New York, Susq. & Western R. R. Co. Wilkes-Barre & Eastern R. R. Co.
Goepel, Frank.	do.	Stockholder.		Humboldt Steamship Co.	Director and officer.		Gulf & Sabine River R. R. Co. Warren, Johnsville & Saline Riv. R. R. Co.
Berwind, E. J. ¹	do.	Director.		International Mercantile Marine Co.	Director and officer.		
Morgan, J. P.	do.	do.		do.	Stockholder.	14	Erie R. R. Co.
					do.	29	New York Cent. & Hud. Riv. R. R. Co.
					Director and stock- holder.	48	Northern Pacific Ry. Co.
Perkins, George W.	do.	do.		do.	Stockholder.	91	Southern Ry. Co.
Steele, Charles ⁸	do.	do.		do.	Director.	17	Erie R. R. Co. Florida East Coast Ry. Co. Chicago & Erie R. R. Co. Lehigh Valley R. R. Co.
					do.	24	New Jersey & New York R. R. Co.
					Stockholder.	48	Northern Pacific Ry. Co.
					Director.	91	Southern Ry. Co.
Waterbury, John I.	do.	do.		do.	do.	18	Great Northern Ry. Co.
					Director.	-3	Louisville & Nashville R. R. Co.
Widener, P. A. B.	do.	do.		do.	Stockholder.	48	Northern Pacific Ry. Co.
					do.	72	Central Railroad Co. of New Jersey.
					do.	53	Pennsylvania R. R. Co.
Baker, George F.	do.	do.	73	Lehigh & Wilkes-Barre Coal Co.	Director and stock- holder.	74	Philadelphia & Reading Ry. Co.
					Director.	72	Central Railroad Co. of New Jersey.
					do.		Chicago, Burlington & Quincy R. R. Co. Cleve., Cinn., Chi. & St. Louis Ry. Co.

¹ Interested in or connected with Hartford & New York Transportation Co., New England Navigation Co., New England S. S. Co., and rail carriers shown in last column opposite company first mentioned.

² Interested in or connected with Hartford & New York Transportation Co., New Bedford, Martha's Vineyard & Nantucket Steamboat Co., New England Navigation Co., New England S. S. Co., and rail carriers shown in last column opposite company first mentioned.

³ Interested in or connected with Hartford & New York Transportation Co., New Bedford, Martha's Vineyard & Nantucket Steamboat Co., New England Steamship Co., and rail carrier shown in last column opposite company first mentioned.

⁴ Interested in or connected with Hartford & New York Transportation Co., New England S. S. Co., and rail carriers shown in last column opposite company first mentioned.

⁵ Interested in or connected with Hartford & New York Transportation Co., New England Navigation Co., and rail carriers shown in last column opposite company first mentioned.

⁶ Interested in or connected with Hillside Coal & Iron Co., Pennsylvania Coal Co., and rail carriers shown in last column opposite company first mentioned.

⁷ See note 5, page 25.

⁸ Interested in or connected with International Mercantile Marine Co., Pennsylvania Coal Co., and rail carriers shown in last column opposite company first mentioned.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

42

INTERSTATE COMMERCE COMMISSION REPORTS.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Baker, George F.....	United States.	Director.....		Lehigh & Wilkes-Barre Coal Co.	Director.....		Colorado & Southern Ry. Co.
					Stockholder.....	11	Del., Lackawanna & Western R.R. Co.
					Director.....		Dunkirk, Allegheny Val. & Pgh. R. R. Co.
					do.....	14	Erie R. R. Co.
					Stockholder.....	18	Great Northern Ry. Co.
					Director.....		Lake Erie & Western R. R. Co.
					do.....		Lake Shore & Mich. Sou. Ry. Co.
					Director and stockholder.	24	Lehigh Valley R. R. Co.
					Director.....	30	Michigan Central R. R. Co.
					Stockholder.....	29	New York Cent. & Hud. Riv. R. Co.
					Director.....	36	New York, New Hav. & Hart. R. Co.
					do.....		New York, Susq. & Western R. Co.
					Director and stockholder.	63	Northern Central Ry. Co.
					Director.....	48	Northern Pacific Ry. Co.
					Stockholder.....	53	Pennsylvania R. R. Co.
					Director.....	74	Philadelphia & Reading Ry. Co.
					do.....	33	Rutland R. R. Co.
					Stockholder.....	91	Southern Ry. Co.
					do.....	54	Balto., Ches. & Atlantic Ry. Co.
Bullitt, estate of John C.....	do.....	Stockholder.....		do.....	do.....	72	Central Railroad Co. of New Jersey.
Central R. R. Co. of New Jersey.	do.....	do.....		do.....	do.....	10	Chesapeake & Ohio Ry. Co.
Dodd, Allison.....	do.....	do.....		do.....	do.....		Colorado & Southern Ry. Co.
Girard Trust Co. ¹ (American Transportation Co.).	do.....	do.....		do.....	do.....	14	Erie R. R. Co.
					do.....	21	Illinois Central R. R. Co.
					do.....	24	Lehigh Valley R. R. Co.

				do.....	63	Northern Central Ry. Co.
				do.....	53	Pennsylvania R. R. Co.
				do.....	91	Southern Ry. Co.
Hencken, Hancke.....	do.....	do.....	do.....	do.....	72	Central Railroad Co. of New Jersey.
				do.....	11	Del., Lackawanna & Western R. R. Co.
				do.....		Lake Erie & Western R. R. Co.
				do.....	60	Long Island R. R. Co.
				do.....	45	Norfolk & Western Ry. Co.
				do.....	53	Pennsylvania R. R. Co.
				do.....	79	Southern Pacific Co.
Hotchkiss, Susan V.....	do.....	do.....	do.....	do.....	11	Del., Lackawanna & Western R. R. Co.
				do.....	36	New York, New Hav. & Hart. R. R. Co.
				do.....	53	Pennsylvania R. R. Co.
Jarvie, James N.....	do.....	do.....	do.....	do.....		Delaware & Hudson Co.
				do.....	18	Great Northern Ry. Co.
				do.....	21	Illinois Central R. R. Co.
				do.....	45	Norfolk & Western Ry. Co.
				do.....	48	Northern Pacific Ry. Co.
				do.....	79	Southern Pacific Co.
Johnson, Warren C.....	do.....	Officer.....	do.....	do.....	93	Union Pacific R. R. Co.
McClintock, Andrew H.....	do.....	Director.....	do.....	do.....	45	Norfolk & Western Ry. Co.
				do.....	11	Del., Lackawanna & Western R. R. Co.
				do.....	53	Pennsylvania R. R. Co.
McCreary, Geo. D., and Fi- delity Trust Co. (trustee).....	do.....	Stockholder.....	do.....	do.....	24	Lehigh Valley R. R. Co.
				do.....	63	Northern Central Ry. Co.
				do.....	53	Pennsylvania R. R. Co.
Paine, Alice McCreary.....	do.....	do.....	do.....	do.....	63	Northern Central Ry. Co.
Stotesbury, Edward T.....	do.....	Director.....	do.....	Director.....	72	Central Railroad Co. of New Jersey.
				Stockholder.....	24	Lehigh Valley R. R. Co.
				do.....	53	Pennsylvania R. R. Co.
				Director and officer.....	74	Philadelphia & Reading Ry. Co.
				Director.....	91	Southern Ry. Co.
Tower, estate of C.....	do.....	Stockholder.....	do.....	Stockholder.....	53	Pennsylvania R. R. Co.
Waterman, George O.....	do.....	Officer.....	do.....	Officer.....	72	Central Railroad Co. of New Jersey.
Wentz, Mary D.....	do.....	Stockholder.....	do.....	Stockholder.....	24	Lehigh Valley R. R. Co.
				do.....	45	Norfolk & Western Ry. Co.
				do.....	53	Pennsylvania R. R. Co.
				do.....	91	Southern Ry. Co.
Whitehouse & Co.....	do.....	do.....	do.....	do.....	10	Chesapeake & Ohio Ry. Co.
				do.....	14	Erie R. R. Co.
				do.....	18	Great Northern Ry. Co.
				do.....	21	Illinois Central R. R. Co.
				do.....	24	Lehigh Valley R. R. Co.
				do.....	3	Louisville & Nashville R. R. Co.
				do.....		Minn., St. Paul & S. S. M. Ry. Co.

¹ Interested in or connected with Lehigh & Wilkes-Barre Coal Co., Lehigh Valley Transportation Co., and rail carriers shown in last column opposite company first mentioned.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Whitehouse & Co.....	United States.	Stockholder.....		Lehigh & Wilkes-Barre Coal Co.	Stockholder.....	36	New York, New Hav. & Hart. R. R. Co.
					do.....	44	New York, Ontario & Western Ry. Co.
					do.....	45	Norfolk & Western Ry. Co.
					do.....	46	Norfolk Southern R. R. Co.
					do.....	53	Pennsylvania R. R. Co.
					do.....		Peoria & Eastern Ry. Co.
					do.....	69	Pere Marquette R. R. Co.
					do.....	75	Seaboard Air Line Ry.
					do.....	79	Southern Pacific Co.
					do.....		Texas & Pacific Ry. Co.
					do.....	93	Union Pacific R. R. Co.
Albright, E. A.....	do.....	Director and officer...	25	Lehigh Valley Transportation Co.	Officer.....	24	Lehigh Valley R. R. Co.
Baird, D. G.....	do.....	do.....		do.....	do.....	24	Do.
Baxter, J. M.....	do.....	Officer.....		do.....	do.....	24	Do.
Girard Trust Co. ¹ (American Transportation Co.).	do.....	Stockholder.....		do.....			
Middleton, J. A. ²	do.....	Director and officer...		do.....	Director and officer...	24	Do.
Robbins, J. Wm.....	do.....	Officer.....		do.....	Officer.....	24	Do.
Smith, L. D.....	do.....	do.....		do.....	do.....	24	Do.
Thomas, E. B.....	do.....	Director and officer...		do.....	Director.....	72	Central Railroad Co. of New Jersey.
					Director and stockholder.	24	Lehigh Valley R. R. Co.
Howell, Lee ³	do.....	do.....		Louisville & Evansville Transp. Co.			
Bronner, E. D.....	do.....	do.....	99	Mackinac Transportation Co.	Director.....	30	Michigan Central R. R. Co.
Coyle, Michael C.....	do.....	Officer.....		do.....	Officer.....	30	Do.
Duluth So. Shore & Atlantic Ry. Co.	do.....	Stockholder.....		do.....	Stockholder.....		Mineral Range R. R. Co.
Lytle, C. E.....	do.....	Officer.....		do.....	Officer.....	98	Duluth, So. Shore & Atlantic Ry. Co.
Metheany, J. M.....	do.....	do.....		do.....	do.....	59	Grand Rapids & Indiana Ry. Co.
Michigan Central R. R. Co.	do.....	Stockholder.....		do.....	Stockholder.....		Chicago, Indiana & Sou. R. R. Co.
Scheiman, H. F.....	do.....	Officer.....		do.....	Officer.....	59	Grand Rapids & Indiana Ry. Co.

Walker, W. W.....	do.....	Director and officer...	do.....	Director and officer...	98	Duluth, So. Shore & Atlantic Ry. Co.
				do.....		Mineral Range R. R. Co.
Wood, W. B.....	do.....	Director.....	do.....	Officer.....	59	Grand Rapids & Indiana Ry. Co.
Mallory, Henry R. ¹	do.....	Director and officer.....	Mallory Steamship Co.....			
Mallory, Robert ²	do.....	Director.....	do.....			
Thompson, Towle & Co.....	do.....	Stockholder.....	do.....	Stockholder.....	38	Boston & Maine R. R. Co.
				do.....	11	Del., Lackawanna & Western R. R. Co.
				do.....	98	Duluth, So. Shore & Atlantic Ry. Co.
				do.....	14	Erie R. R. Co.
				do.....	18	Great Northern Ry. Co.
				do.....	21	Illinois Central R. R. Co.
				do.....		Kansas City Southern Ry. Co.
				do.....	36	New York, New Hav. & Hart. R. R. Co.
				do.....	48	Northern Pacific Ry. Co.
				do.....	75	Seaboard Air Line Ry.
				do.....		Bessemer & Lake Erie R. R. Co.
Baird, F. C.....	do.....	Officer.....	70 Marquette & Bessemer Dock & Nav. Co.			Do.
Blackburn, W. W.....	do.....	Director.....	do.....	Director.....		Pere Marquette R. R. Co.
Blair, F. W.....	do.....	do.....	do.....	Director and officer.....	69	
Clemson, D. M. ³	do.....	do.....	do.....			Do.
Felton, S. M.....	do.....	do.....	do.....	Director.....	69	Bessemer & Lake Erie R. R. Co.
Mahill, C. J.....	do.....	Officer.....	do.....	Officer.....		Do.
Reed, J. H.....	do.....	Director.....	do.....	Director and Officer.....		Do.
Utley, E. H.....	do.....	do.....	do.....	do.....		Do.
Weller, E. N.....	do.....	Officer.....	do.....	Officer.....	69	Pere Marquette R. R. Co.
Atherton, J. B., estate, Ltd.....	Hawaii.....	Stockholder.....	Matson Navigation Co.....	Stockholder.....	18	Great Northern Ry. Co.
				do.....	36	New York, New Hav. & Hart. R. R. Co.
				do.....	53	Pennsylvania R. R. Co.
				do.....	79	Southern Pacific Co.
				do.....	93	Union Pacific R. R. Co.
				do.....	38	Boston & Maine R. R. Co.
Adams, Francis, Emmit, Alex. W., Rackeman, Chas. S., trustees.	United States.....	do.....	Merchants & Miners Transportation Co.			
				do.....	18	Great Northern Ry. Co.
				do.....	36	New York, New Hav. & Hart. R. R. Co.
				do.....	53	Pennsylvania R. R. Co.
Baltimore Equitable Society.....	do.....	do.....	do.....	do.....	36	New York, New Hav. & Hart. R. R. Co.

¹ See note 1, page 43.² Interested in or connected with Lehigh Valley Transportation Co., Mutual Transit Co., and rail carrier shown in last column opposite company first mentioned.³ See note 3, page 37.⁴ See note 3, page 29.⁵ See note 5, page 33.⁶ See note 7, page 37.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

46

INTERSTATE COMMERCE COMMISSION REPORTS.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Brooks, W. B.....	United States.	Director.....		Merchants & Miners Transportation Co.	Stockholder.....		Canton R. R. Co.
Cromwell, W. K.....	do.....	Director and stockholder.		do.....	do.....	36	Maryland & Pennsylvania R. R. Co. New York, New Hav. & Hart. R. R. Co.
James, Norman ¹	do.....	Stockholder.....		do.....	do.....	63	Northern Central Ry. Co.
Jenkins, George C.....	do.....	do.....		do.....	Stockholder.....	2	Atlantic Coast Line R. R. Co.
					Director.....		Canton R. R. Co.
					do.....		Maryland & Pennsylvania R. R. Co.
					Stockholder.....	36	New York, New Hav. & Hart. R. R. Co.
					do.....	53	Pennsylvania R. R. Co.
Jenkins, Michael ¹	do.....	Director.....		do.....			
Johns Hopkins University.....	do.....	Stockholder.....		do.....	Stockholder.....	2	Atlantic Coast Line R. R. Co.
					do.....	36	New York, New Hav. & Hart. R. R. Co.
Kennedy, Wm. C.....	do.....	Director.....		do.....	do.....	2	Atlantic Coast Line R. R. Co.
					do.....	36	New York, New Hav. & Hart. R. R. Co.
					do.....	63	Northern Central Ry. Co.
Keyser, R. Brent.....	do.....	do.....		do.....	Director.....	53	Pennsylvania R. R. Co.
Mercantile Trust & Deposit Co. of Baltimore, Md.	do.....	Stockholder.....		do.....	Stockholder.....	63	Northern Central Ry. Co.
Miller, Decatur H., Jr.....	do.....	Director and stockholder.		do.....	do.....	1	Atlantic Coast Line.
					do.....	2	Atlantic Coast Line R. R. Co.
					do.....	36	New York, New Hav. & Hart. R. R. Co.
					do.....	63	Northern Central Ry. Co.
					do.....	91	Southern Ry. Co.
Miller, Lawrence V.....	do.....	Stockholder.....		do.....	do.....	36	New York, New Hav. & Hart. R. R. Co.
Poe & Davis.....	do.....	do.....		do.....	do.....	14	Erie R. R. Co.
					do.....		Maryland & Pennsylvania R. R. Co.

S D—641—vol 43—38	Safe Deposit & Trust Co., of Baltimore, Md.	do.	do.	do.	do.	2	Atlantic Coast Line R. R. Co.
					do.		Maryland & Pennsylvania R.R.Co.
	Schloss, Michael	do.	do.	do.	do.	55	Md., Del. & Va. Ry. Co.
	Taylor, Bates & Co.	do.	do.	do.	do.	63	Northern Central Ry. Co.
					do.	53	Pennsylvania R. R. Co.
					do.	63	Northern Central Ry. Co.
					do.	18	Great Northern Ry. Co.
					do.	48	Northern Pacific Ry. Co.
					do.	75	Seaboard Air Line Ry.
					do.	79	Southern Pacific Co.
	Whitney, Ellerton P.	do.	Director and stockholder.	do.	do.	36	New York, New Hav. & Hart. R. Co.
	Bradley, W. C.	do.	Director and officer.	Merchants & Planters Steamboat Co.	Director	22	Central of Georgia Ry. Co.
	Rowland Estate, Wm. ²	do.	Stockholder.	Merritt & Chapman Derrick & Wrecking Co.	Stockholder		Delaware & Hudson Co.
					do.	53	Pennsylvania R. R. Co.
	United States Trust Co. of New York.	do.	do.	do.	do.	93	Union Pacific R. R. Co.
					do.		Bessemer & Lake Erie R. R. Co.
					do.		Chicago, Rock Island & Pac.Ry.Co.
					do.		Delaware & Hudson Co.
					do.	11	Del., Lackawanna & Western R. R. Co.
					do.		Duluth, Missabe & Northern Ry. Co.
					do.	14	Erie R. R. Co.
					do.	24	Lehigh Valley R. R. Co.
					do.	60	Long Island R. R. Co.
					do.	3	Louisville & Nashville R. R. Co.
					do.	29	New York Cent. & Hud. Riv. R. Co.
					do.	44	New York, Ontario & Western Ry. Co.
					do.	63	Northern Central Ry. Co.
					do.	48	Northern Pacific Ry. Co.
					do.	53	Pennsylvania R. R. Co.
					do.	69	Pere Marquette R. R. Co.
					do.	93	Union Pacific R. R. Co.
	Addison, C. L.	do.	Officer.	61 Montauk Steamboat Co., Ltd.	Officer	60	Long Island R. R. Co.
	Buick, A. B.	do.	do.	do.	do.	60	Do.
	Bunting, C. M. ³	do.	do.	do.	do.		
	Des Agness, H. L.	do.	do.	do.	Officer	60	Do.
	Donaldson, J. S. ³	do.	do.	do.	do.		

¹ See note 8, page 31.² Interested in or connected with Merritt & Chapman Derrick & Wrecking Co., Old Dominion S. S.Co., and rail carriers shown in last column opposite company first mentioned.³ See note 4, page 35.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

48

INTERSTATE COMMERCE COMMISSION REPORTS.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Fahnestock, J. F.	United States.	Officer.....		Montauk Steamboat Co., Ltd.	Officer.....	54	Balto., Ches. & Atlantic Ry. Co.
					do.....	66	Del., Md. & Va. R. R. Co.
					do.....	60	Long Island R. R. Co.
					do.....	55	Md., Del. & Va. Ry. Co.
					do.....	62	New York, Phila. & Norfolk R. R. Co.
					do.....		Northampton & Bath R. R. Co.
					do.....	63	Northern Central Ry. Co.
					do.....	53	Pennsylvania R. R. Co.
					do.....	68	West Jersey & Seashore R. R. Co.
					do.....	60	Long Island R. R. Co.
					do.....	60	Do.
					do.....	60	Do.
Haff, F. E.	do.....	do.....		do.....	do.....		
Keaney, J. F.	do.....	do.....		do.....	do.....		
Langdon, A. L.	do.....	do.....		do.....	do.....		
Newbern, R. H. ¹ ..	do.....	do.....		do.....	do.....		
Peters, Ralph	do.....	Director and officer.		do.....	Director and officer.	60	Do.
Stockton, E. A. ¹ ..	do.....	Officer.....		do.....			
Chambers, A. D. ² ..	do.....	do.....	12	Moore Timber Co.	Officer.....	11	Del., Lackawanna & Western R. Co.
Jenney, W. S.	do.....	Stockholder.....		do.....	do.....	11	Do.
Loomis, E. E.	do.....	do.....		do.....	Stockholder.....	11	Do.
Ray, G. J.	do.....	do.....		do.....	Officer.....	11	Do.
Truesdale, W. H.	do.....	Director and officer.		do.....	Director.....	11	Do.
New York Central & Hudson River Railroad Company. ³	do.....	Stockholder.....	31	Mutual Terminal Co. of Buffalo.	do.....		Pacific & Idaho Northern Ry. Co.
					do.....		Dunkirk, Allegheny Val. & Pgh. R. R. Co.
					do.....	30	Lake Shore & Mich. Sou. Ry. Co.
					do.....	36	Michigan Central R. R. Co.
					do.....		New York, New Hav. & Hart. R. R. Co.
					do.....	33	Rutland R. R. Co.
Carstensen, John ⁴ ..	do.....	Director.....	32	Mutual Transit Co.	Officer.....		Chicago, Indiana & Sou. Ry. Co.
					do.....		Lake Shore & Mich. Sou. Ry. Co.
					do.....	30	Michigan Central R. R. Co.

					do.....	29	New York Cent. & Hud. Riv. R. Co.
					do.....		Peoria & Eastern Ry. Co.
					do.....		Toledo & Ohio Central Ry. Co.
					do.....		Zanesville & Western Ry. Co.
Chambers, A. D. ²	do.....	do.....	do.....		do.....	11	Del., Lackawanna & Western R. Co.
Flynn, P. J.	do.....	do.....	do.....		Officer	14	Erie R. R. Co.
Goldsborough, C. S.	do.....	Director and officer	do.....		do.....	36	New York, New Hav. & Hart. R. Co.
Middleton, J. A. ⁶	do.....	Director	do.....		do.....	36	Do.
Benton, J. H., Jr.	do.....	Stockholder	Nantasket Beach Steamboat Co.	Stockholder	do.....	93	Union Pacific R. R. Co.
Blackmar, Helen R.	do.....	do.....	do.....	do.....	do.....	36	New York, New Hav. & Hart. R. Co.
Gardner, George A.	do.....	do.....	do.....	do.....	do.....	36	New York, New Hav. & Hart. R. Co.
Merriam, Charles	do.....	do.....	do.....	do.....	do.....	53	Pennsylvania R. R. Co.
Ripley, Ebed L.	do.....	Director, officer, and stockholder	do.....	do.....	do.....	38	Boston & Maine R. R. Co.
Stone, Albert	do.....	Director and stockholder	do.....	do.....	do.....	36	New York, New Hav. & Hart. R. Co.
					do.....	38	Boston & Maine R. R. Co.
					do.....	36	New York, New Hav. & Hart. R. Co.
Crapo, William W.	do.....	Director	42 New Bedford, Martha's Vineyard & Nantucket Steamboat Co.	do.....	do.....	36	Do.
					do.....	53	Pennsylvania R. R. Co.
					do.....	69	Pere Marquette R. R. Co.
Elliott, Howard ⁶	do.....	Director and officer	do.....	do.....	do.....		
Hustis, Jas. S. ⁷	do.....	Officer	do.....	do.....	do.....		
White, John E. ⁸	do.....	Director	do.....	do.....	do.....		
Buckland, E. G. ⁹	do.....	Officer	39 New England Navigation Co.	do.....	do.....		
Campbell, B. ¹⁰	do.....	do.....	do.....	Officer	do.....	36	Central New England Ry. Co.
					do.....		New York, New Hav. & Hart. R. Co.
Clark, A. E. ¹¹	do.....	do.....	do.....	do.....	do.....		

¹ See Note 2, page 37.² Interested in or connected with Moore Timber Co., Mutual Transit Co., and rail carrier shown in last column opposite company first mentioned.³ Interested in or connected with Mutual Terminal Co. of Buffalo, Western Transit Co., and rail carriers shown in last column opposite company first mentioned.⁴ Interested in or connected with Mutual Transit Co., Rutland Transit Co., Western Transit Co., and rail carriers shown in last column opposite company first mentioned.⁵ See note 2, page 45.⁶ See note 2, page 41.⁷ See note 3, page 41.⁸ See note 6, page 23.⁹ See note 6, page 39.¹⁰ Interested in or connected with New England Navigation Co., New England S. S. Co., Rutland Transit Co., and rail carriers shown in last column opposite company first mentioned.¹¹ See note 1, page 41.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Cuyler, T. De Witt.....	United States.	Director.....	.....	New England Navigation Co.	Stockholder.....	60	Long Island R. R. Co.
					Director.....	26	Maine Central R. R. Co.
					do.....	36	New York, New Hav. & Hart. R. R. Co.
					do.....	44	New York, Ontario & Western Ry. Co.
					do.....	53	Pennsylvania R. R. Co.
					Stockholder.....	33	Rutland R. R. Co.
Elliott, Howard ¹	do.....	Director and officer.....	do.....	do.....			
Hemingway, Jas. S. ²	do.....	Director.....	do.....	do.....			
May, A. S. ²	do.....	Officer.....	do.....	do.....			
New York, New Hav. & Hart. R. R. Co.	do.....	Stockholder.....	do.....	do.....	Stockholder.....	37	Boston R. R. Holding Co.
					do.....		Central New England Ry. Co.
					do.....	44	New York, Ontario & Western Ry. Co.
					do.....	33	Rutland R. R. Co.
Pratt, John T.....	do.....	Director.....	do.....	do.....	Director.....	36	New York, New Hav. & Hart. R. R. Co.
Rockefeller, William.....	do.....	do.....	do.....	do.....	do.....		Central New England Ry. Co.
					do.....	11	Del. Lackawanna & Western R. R. Co.
					do.....		Dunkirk, Allegheny Val. & Pgh. R. R. Co.
					do.....		Lake Erie & Western R. R. Co.
					do.....	30	Michigan Central R. R. Co.
					do.....	29	New York Cent. & Hud. Riv. R. R. Co.
					do.....	36	New York, New Hav. & Hart. R. R. Co.
					do.....	44	New York, Ontario & West. Ry. Co.
					do.....	94	Oregon Short Line R. R. Co.
					do.....	95	Oregon-Washington R. R. & Nav. Co.

				do	33	Rutland R. R. Co.
				do	93	Union Pacific R. R. Co.
Skinner, William ³	do	do	do	do		
Taft, Robt. W. ⁴	do	do	do	Director	36	New York, New Hav. & Hart. R. R. Co.
Brewster, Frederick F. ⁵	do	do	43 New England Steamship Co.			
Buckland, E. G. ⁶	do	Director and officer	do			
Campbell, B. ⁷	do	Officer	do			
Clark, A. E. ²	do	do	do			
Elliott, Howard ¹	do	Director and officer	do			
Hemingway, Jas. S. ²	do	Director	do			
Hustis, Jas. S. ⁸	do	Officer	do			
McHarg, Henry K.	do	Director	do	Stockholder	36	New York, New Hav. & Hart. R. R. Co.
				Director	44	New York, Ontario & Western Ry Co.
May, A. S. ²	do	Officer	do	Director and stock- holder	36	New York, New Hav. & Hart. R. R. Co.
Maxwell, Francis T.	do	Director	do	Director	44	New York, Ontario & Western Ry. Co.
				do	36	New York, New Hav. & Hart. R. R. Co.
Milligan, Edward	do	do	do	do	44	New York, Ontario & Western Ry. Co.
				do	44	New York, Ontario & Western Ry. Co.
				Stockholder	53	Pennsylvania R. R. Co.
Robertson, A. Heaton ⁹	do	do	do			
Taft, Robt. W. ⁴	do	do	do			
Grace & Co., W. R. ¹⁰	do	Stockholder	New York & Pac. S. S. Co., Ltd. (Merchants line).			
Berwind, John E.	do	Director	New York & Porto Rico S. S. Co.	Stockholder	10	Chesapeake & Ohio Ry. Co.
				do		Colorado & Southern Ry. Co.
				do	18	Great Northern Ry. Co.
				do	24	Lehigh Valley R. R. Co.
				do	48	Northern Pacific Ry. Co.
				do	53	Pennsylvania R. R. Co.
				do	79	Southern Pacific Co.

¹ See note 2, page 41.² See note 1, page 41.³ See note 5, page 41.⁴ Interested in or connected with New England Navigation Co., New England S. S. Co., and rail carrier shown in last column opposite company first mentioned.⁵ See note 5, page 39.⁶ See note 6, page 39.⁷ See note 10, page 49.⁸ See note 3, page 41.⁹ See note 4, page 41.¹⁰ See note 4, page 25.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Mallory, Henry R. ¹	United States.	Director and officer.....		New York & Porto Rico S. Co.			
Mooney, Franklin D.	do.....	do.....		do.....	Stockholder.....		Colorado & Southern Ry. Co.
New York Trust Co. ²	do.....	Stockholder.....		do.....			
Southern Pacific Co. ³	do.....	do.....	88	Nile Steamship Co.....			
Boyd, John.....	do.....	Director.....		Norfolk & Washington Steamboat Co.	Stockholder.....	24	Lehigh Valley R. R. Co.
Kann, Sons & Co.....	do.....	Stockholder.....		do.....	do.....	2	Atlantic Coast Line R. R. Co.
					do.....	3	Louisville & Nashville R. R. Co.
					do.....	48	Northern Pacific Ry. Co.
					do.....	75	Seaboard Air Line Ry.
					do.....	79	Southern Pacific Co.
					do.....	93	Union Pacific R. R. Co.
United States Express Co.....	do.....	do.....		do.....	do.....	29	New York Cent. & Hud. Riv. R.R. Co.
					do.....	53	Pennsylvania R. R. Co.
Woodbury, Levi.....	do.....	Director, officer, and stockholder.		do.....	do.....	45	Norfolk & Western Ry. Co.
					do.....	53	Pennsylvania R. R. Co.
Great Northern Ry. Co. ⁴	do.....	Stockholder.....	20	Northern Steamship Co.....			
Hill, Louis W. ⁴	do.....	Director.....		do.....			
Jackson, R. A. ⁴	do.....	do.....		do.....			
Katzenbach, L. E. ⁴	do.....	Director and officer.....		do.....			
Kenny, W. P. ⁴	do.....	do.....		do.....			
Lindley, E. C. ⁴	do.....	Director.....		do.....			
Martin, G. R. ⁴	do.....	Director and officer.....		do.....			
Askew, W. C.....	do.....	Officer.....	23	Ocean Steamship Co. of Savannah	Officer.....	22	Central of Georgia Ry Co.
				do.....	do.....	22	Do.
Beymer, W. D.....	do.....	do.....		do.....	do.....	22	Do.
Johnson, H. W.....	do.....	do.....		do.....	Stockholder.....	55	Md., Del. & Va. Ry. Co.
Lane, M. B.....	do.....	Director.....		do.....	Director.....	22	Central of Georgia Ry. Co.
Lawton, A. R.....	do.....	do.....		do.....	Officer.....	22	Do.
Lawton & Cunningham.....	do.....	Officer.....		do.....	Director.....	22	Central of Georgia Ry. Co.
Lovett, R. S.....	do.....	Director.....	23	do.....	do.....		Cleve., Cinn., Chi. & St. Louis Ry. Co.
					do.....		Delaware & Hudson Co.

				Director and stockholder.	21	Illinois Central R. R. Co.
				Director.....		Lake Erie & Western R. R. Co.
				do.....	30	Michigan Central R. R. Co.
				Director and stockholder.	29	New York Cent. & Hud. Riv. R. Co.
				Director.....		New York, Susq. & West. R. R. Co.
				Director and officer...	94	Oregon Short Line R. R. Co.
				Director.....	95	Oregon & Washington R. R. & Nav. Co.
				do.....		San Pedro, Los Ang. & Salt Lake R. R. Co.
				Director and officer...	93	Union Pacific R. R. Co.
				Director.....		Yazoo & Miss. Valley R. R. Co.
				do.....	92	Central of Georgia Ry. Co.
				do.....	72	Central Railroad Co. of New Jersey.
				Director, officer, and stockholder.	21	Illinois Central R. R. Co.
				do.....		Yazoo & Miss. Valley R. R. Co.
				Director and officer...	22	Central of Georgia Ry. Co.
				Officer.....	21	Illinois Central R. R. Co.
				Director.....	22	Central of Georgia Ry. Co.
				Stockholder.....	2	Atlantic Coast Line Ry. Co.
				do.....	45	Norfolk & Western Ry. Co.
				Stockholder.....		Hocking Valley Ry. Co.
				do.....		Louisv. & Jeffersonville Bridge Co.
				Stockholder.....	10	Chesapeake & Ohio Ry. Co.
				do.....	45	Norfolk & Western Ry. Co.
				Stockholder.....	66	Del., Md. & Va. R. R. Co.
				Stockholder.....		Mobile & Ohio R. R. Co.
				Director and officer...	2	Atlantic Coast Line R. R. Co.
				do.....	3	Louisville & Nashville R. R. Co.
				Stockholder.....		Delaware & Hudson Co.
				do.....	45	Norfolk & Western Ry. Co.
				do.....	48	Northern Pacific Ry. Co.
				do.....	53	Pennsylvania R. R. Co.
Chamberlin, E. J. ⁹	Canada.....	Director and officer...	9	Ontario Car Ferry Co.		
Dalrymple, J. E. ¹⁰	do.....	Director.....		do.....		
Davis, R. W.	United States.	do.....		do.....		
Kelly, Howard G. ¹⁰	Canada.....	do.....		do.....		
Noonan, W. T.	United States.	Director and officer...		do.....		
Markham, C. H.	do.....	Director and officer...		do.....		
Pleasants, W. H.	do.....	do.....		do.....		
Rose, Donald	do.....	Officer.....		do.....		
Winburn, W. A.	do.....	Director.....		do.....		
Addison, E. B.	do.....	Stockholder.....	77	Old Dominion Steamship Co.		
Atlantic Coast Line R. R. Co. ⁵	do.....	do.....		do.....		
Chesapeake & Ohio Ry. Co.	do.....	do.....		do.....		
Compton, Key ⁶	do.....	Director.....		do.....		
Harahan, W. J. ⁷	do.....	do.....		do.....		
Johnson, L. E.	do.....	do.....		do.....		
New York Trust Company ²	do.....	Stockholder (as trustee for S. A. L. Ry.)		do.....		
Richards, Robert H.	do.....	Director.....		do.....		
Rowland, estate Wm. ⁸	do.....	Stockholder.....		do.....		
Southern Railway Co.	do.....	do.....		do.....		
Walters, Henry	do.....	Director.....		do.....		
Weed, George E.	do.....	do.....		do.....		

¹ See note 3, page 29.² See note 5, page 29.³ See note 5, page 23.⁴ See note 1, page 39.⁵ See note 6, page 31.⁶ See note 7, page 31.⁷ See note 4, page 29.⁸ See note 2, page 47.⁹ See note 2, page 31.¹⁰ See note 3, page 31.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
O'Donnell, Iselin.....	United States.	Director.....		Ontario Car Ferry Co.....	Officer.....	8	Buff., Rochester & Pgh. Ry. Co.
Scott, Frank ¹	Canada.....	Officer.....		do.....	.....		
Smith, W. H. ²	do.....	do.....		do.....	.....		
Jackling, D. C.....	United States.	Director.....		Pacific-Alaska Navigation Co.....	Director and officer.....		Nevada Northern Ry. Co.
Jones, C. H.....	do.....	Stockholder.....		do.....	Stockholder.....		Chicago, Rock Island & Pac. Ry. Co.
Barnum, Wm.....	do.....	Director.....	52	Pacific Coast Steamship Co..	do.....	69	Pere Marquette R. R. Co.
Cooper, J. H.....	do.....	do.....		do.....	do.....	91	Southern Ry. Co.
Dunann, C. D.....	do.....	Director and officer.....		do.....	Director and officer.....	18	Great Northern Ry. Co.
					Officer.....		Pacific Coast Ry. Co.
					do.....		Do.
					do.....	95	Columbia & Puget Sound R. R. Co.
					do.....		Oregon-Washington R. R. & Nav. Co.
Farrell, Kane & Stratton.....	do.....	Officers.....		do.....	do.....		Pacific Coast Ry. Co.
Ford, J. C.....	do.....	Director and officer.....		do.....	Officers.....		Columbia & Puget Sound R. R. Co.
Goodall, A.....	do.....	Director.....	52	do.....	do.....		Pacific Coast Ry. Co.
Goodall, C. M.....	do.....	do.....		do.....	Director and officer.....		Columbia & Puget Sound R. R. Co.
Higbee, G. H.....	do.....	Director and officer.....		do.....	do.....		Pacific Coast Ry. Co.
Pacific Coast Co.....	do.....	Stockholder.....		do.....	Stockholder.....		Pacific Coast Ry. Co.
Smith, J. W.....	do.....	Director and officer.....		do.....	do.....		Do.
Towle, G. W.....	do.....	do.....		do.....	Director and officer.....		Do.
					do.....		Do.
					do.....	95	Columbia & Puget Sound R. R. Co.
					do.....		Pacific Coast Ry. Co.
Bache & Co., J. S.....	do.....	Stockholder.....	89	Pacific Mail Steamship Co..	Officer.....		Pacific Coast Ry. Co.
					Stockholder.....	10	Chesapeake & Ohio Ry. Co.
					do.....		Cleve., Cinn., Chi. & St. Louis Ry. Co.
					do.....		Do.
					do.....		Colorado & Southern Ry. Co.
					do.....		Delaware & Hudson Co.

Bull, W. F. ³	do.....	Officer.....	do.....
Carlisle, Mellick & Co.....	do.....	Stockholder.....	do.....

¹ See note 4, page 31.

² See note 3, page 31.

do.....	11	Del., Lackawanna & Western R. R. Co.
do.....	98	Duluth, So. Shore & Atlantic Ry. Co.
do.....	14	Erie R. R. Co.
do.....	18	Great Northern Ry. Co.
do.....		Kansas City Southern Ry. Co.
do.....		Lake Erie & Western R. R. Co.
do.....	24	Lehigh Valley R. R. Co.
do.....	60	Long Island R. R. Co.
do.....	3	Louisville & Nashville R. R. Co.
do.....		Minn., St. Paul & S. S. M. Ry. Co.
do.....	29	New York Cent. & Hud. Riv. R. R. Co.
do.....	44	New York, Ontario & Western Ry. Co.
do.....	45	Norfolk & Western Ry. Co.
do.....	48	Northern Pacific Ry. Co.
do.....	53	Pennsylvania R. R. Co.
do.....	75	Peoria & Eastern Ry. Co.
do.....	79	Seaboard Air Line Ry.
do.....	91	Southern Pacific Co.
do.....		Southern Ry. Co.
do.....		Texas & Pacific Ry. Co.
do.....	93	Union Pacific R. R. Co.
do.....		Wisconsin Central Ry. Co.
Stockholder.....	10	Chesapeake & Ohio Ry. Co.
do.....		Cleve., Cinn., Chi. & St. Louis Ry. Co.
do.....	98	Duluth, So. Shore & Atlantic Ry. Co.
do.....	14	Erie R. R. Co.
do.....	21	Illinois Central R. R. Co.
do.....		Kansas City Southern Ry. Co.
do.....	3	Louisville & Nashville R. R. Co.
do.....	29	New York Cent. & Hud. Riv. R. R. Co.
do.....	36	New York, New Hav. & Hart. R. R. Co.
do.....	44	New York, Ontario & Western Ry. Co.
do.....	48	Northern Pacific Ry. Co.
do.....	53	Pennsylvania R. R. Co.
do.....	75	Seaboard Air Line Ry.
do.....	79	Southern Pacific Co.
do.....		Texas & Pacific Ry. Co.
do.....	93	Union Pacific R. R. Co.
do.....		Wisconsin Central Ry. Co.

³ See note 2, page 39.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

56

INTERSTATE COMMERCE COMMISSION REPORTS.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Clews & Co., Henry	United States.	Stockholder .....	.....	Pacific Mail Steamship Co ..	Stockholder	2	Atlantic Coast Line R. R. Co.
					do.	10	Chesapeake & Ohio Ry. Co.
					do. ....	.....	Cleve., Cinn., Chi. & St. Louis Ry. Co.
					do. ....	.....	Colorado & Southern Ry. Co.
					do. ....	.....	Delaware & Hudson Co.
					do.	98	Duluth, So. Shore & Atlantic Ry. Co.
					do.	14	Erie R. R. Co.
					do.	18	Great Northern Ry. Co.
					do.	21	Illinois Central R. R. Co.
					do. ....	.....	Kansas City Southern Ry. Co.
					do. ....	.....	Lake Erie & Western R. R. Co.
					do.	24	Lehigh Valley R. R. Co.
					do.	3	Louisville & Nashville R. R. Co.
					do.	36	New York, New Hav. & Hart. R. R. Co.
					do.	44	New York, Ontario & Western Ry. Co.
					do.	45	Norfolk & Western Ry. Co.
					do.	48	Northern Pacific Ry. Co.
					do.	53	Pennsylvania R. R. Co.
					do. ....	.....	Peoria & Eastern Ry. Co.
					do.	75	Seaboard Air Line Ry.
					do.	79	Southern Pacific Co.
					do.	91	Southern Ry. Co.
					do. ....	.....	Texas & Pacific Ry. Co.
					do.	93	Union Pacific R. R. Co.
					do. ....	.....	Wisconsin Central Ry. Co.
De Coppet & Doremus	do.	do. ....	.....	do.	do.	8	Buff., Rochester & Fgh. Ry. Co.
					do.	10	Chesapeake & Ohio Ry. Co.
					do. ....	.....	Cleve., Cinn., Chi. & St. Louis Ry. Co.
					do. ....	.....	Colorado & Southern Ry. Co.
					do. ....	.....	Delaware & Hudson Co.
					do.	11	Del., Lackawanna & Western R. R. Co.

				do.....	98	Duluth, So. Shore & Atlantic Ry. Co.
				do.....	14	Erie R. R. Co.
				do.....	21	Illinois Central R. R. Co.
				do.....		Kansas City Southern Ry. Co.
				do.....		Lake Erie & Western R. R. Co.
				do.....	24	Lehigh Valley R. R. Co.
				do.....	3	Louisville & Nashville R. R. Co.
				do.....	29	New York Cent. & Hud. Riv. R. R. Co.
				do.....	36	New York, New Hav. & Hart. R. R. Co.
				do.....	44	New York, Ontario & Western Ry. Co.
				do.....	45	Norfolk & Western Ry. Co.
				do.....	46	Norfolk Southern R. R. Co.
				do.....	48	Northern Pacific Ry. Co.
				do.....	53	Pennsylvania R. R. Co.
				do.....	75	Seaboard Air Line Ry.
				do.....	79	Southern Pacific Co.
				do.....	91	Southern Ry. Co.
				do.....		Texas & Pacific Ry. Co.
				do.....		Wisconsin Central Ry. Co.
De Forest, Henry W. ....do.....	Director.....	do.....	Director.....	do.....	10	Arizona Eastern R. R. Co.
				do.....		Chesapeake & Ohio Ry. Co.
				do.....	21	Delaware & Hudson Co.
				do.....		Illinois Central R. R. Co.
				do.....	86	Louisiana Western R. R. Co.
				do.....		Morgan's La. & Tex. R. R. & S. S. Co.
				do.....		New Jersey & New York R. R. Co.
				do.....	79	Southern Pacific Co.
				do.....	93	Union Pacific R. R. Co.
Dominick & Dominick.....do.....	Stockholder.....	do.....	Stockholder.....	do.....	2	Atlantic Coast Line R. R. Co.
				do.....	10	Chesapeake & Ohio Ry. Co.
				do.....		Colorado & Southern Ry. Co.
				do.....		Delaware & Hudson Co.
				do.....	11	Dela., Lackawanna & West. R. R. Co.
				do.....	98	Duluth, So. Shore & Atlantic Ry. Co.
				do.....	14	Erie R. R. Co.
				do.....	18	Great Northern Ry. Co.
				do.....	21	Illinois Central R. R. Co.
				do.....		Kansas City Southern Ry. Co.
				do.....		Lake Erie & Western R. R. Co.
				do.....	24	Lehigh Valley R. R. Co.
				do.....	3	Louisville & Nashville R. R. Co.
				do.....	36	New York, New Hav. & Hart. R.R. Co.
				do.....	48	Northern Pacific Ry. Co.
				do.....	53	Pennsylvania R. R. Co.
				do.....		Peoria & Eastern Ry. Co.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Dominick & Dominick.....	United States.	Stockholder.....	.....	Pacific Mail Steamship Co..	Stockholder.....	75	Seaboard Air Line Ry.
					do.....	91	Southern Ry. Co.
					do.....	93	Texas & Pacific Ry. Co.
					do.....	.....	Union Pacific R. R. Co.
					do.....	.....	Wisconsin Central R. R. Co.
Falck, Rudolph.....	do.....	Officer.....	do.....	do.....	Officer.....	79	Southern Pacific Co.
Gibson, Robert.....	do.....	Stockholder.....	do.....	do.....	Stockholder.....	10	Chesapeake & Ohio Ry. Co.
					do.....	14	Erie R. R. Co.
					do.....	.....	Lake Erie & Western R. R. Co.
					do.....	24	Lehigh Valley R. R. Co.
					do.....	3	Louisville & Nashville R. R. Co.
					do.....	44	New York, Ontario & Western Ry. Co.
					do.....	46	Norfolk Southern R. R. Co.
					do.....	.....	Texas & Pacific Ry. Co.
Goelet, Robert.....	do.....	Director.....	do.....	do.....	do.....	45	Norfolk & Western Ry. Co.
					do.....	79	Southern Pacific Co.
					do.....	93	Union Pacific R. R. Co.
Goodhart & Co., P. J.....	do.....	Stockholder.....	do.....	do.....	do.....	10	Chesapeake & Ohio Ry. Co.
					do.....	.....	Chicago, Burlington & Quincy R. R. Co.
					do.....	.....	Cleve., Cinn., Chi. & St. Louis Ry. Co.
					do.....	14	Erie R. R. Co.
					do.....	18	Great Northern Ry. Co.
					do.....	.....	Kansas City Southern Ry. Co.
					do.....	60	Long Island R. R. Co.
					do.....	3	Louisville & Nashville R. R. Co.
					do.....	36	New York, New Hav. & Hart. R. R. Co.
					do.....	45	Norfolk & Western Ry. Co.
					do.....	48	Northern Pacific Ry. Co.
					do.....	53	Pennsylvania R. R. Co.
					do.....	75	Seaboard Air Line Ry.
					do.....	79	Southern Pacific Co.
					do.....	91	Southern Ry. Co.
					do.....	93	Union Pacific R. R. Co.

Halle & Stieglitz.....	do.....	do.....	do.....	do.....	2	Atlantic Coast Line R. R. Co.
				do.....	72	Central Railroad Co. of New Jersey.
				do.....	10	Chesapeake & Ohio Ry. Co.
				do.....		Colorado & Southern Ry. Co.
				do.....	14	Erie R. R. Co.
				do.....	18	Great Northern Ry. Co.
				do.....	21	Illinois Central R. R. Co.
				do.....		Kansas City Southern Ry. Co.
				do.....		Lake Erie & Western R. R. Co.
				do.....		Minn., St. Paul & S. S. M. Ry. Co.
				do.....	36	New York, New Hav. & Hart. R. Co.
				do.....	44	New York, Ontario & Western Ry. Co.
				do.....	48	Northern Pacific Ry. Co.
				do.....		Peoria & Eastern Ry. Co.
				do.....	75	Seaboard Air Line Ry.
				do.....	79	Southern Pacific Co.
				do.....		Texas & Pacific Ry. Co.
				do.....	93	Union Pacific R. R. Co.
Harris, Winthrop & Co.....	do.....	do.....	89	do.....	10	Chesapeake & Ohio Ry. Co.
				do.....		Colorado & Southern Ry. Co.
				do.....		Delaware & Hudson Co.
				do.....	98	Duluth, So. Shore & Atlantic Ry. Co.
				do.....	14	Erie R. R. Co.
				do.....	18	Great Northern Ry. Co.
				do.....		Kansas City Southern Ry. Co.
				do.....	3	Louisville & Nashville R. R. Co.
				do.....		Minn., St. Paul & S. S. M. Ry. Co.
				do.....	29	New York Cent. & Hud. Riv. R. R. Co.
				do.....	36	New York, New Hav. & Hart. R. R. Co.
				do.....	44	New York, Ontario & Western Ry. Co.
				do.....	45	Norfolk & Western Ry. Co.
				do.....	48	Northern Pacific Ry. Co.
				do.....	53	Pennsylvania R. R. Co.
				do.....		Peoria & Eastern Ry. Co.
				do.....	75	Seaboard Air Line Ry.
				do.....	79	Southern Pacific Co.
				do.....	91	Southern Ry. Co.
				do.....		Texas & Pacific Ry. Co.
				do.....	93	Union Pacific R. R. Co.
				do.....		Western Pacific Ry. Co.
				do.....		Wisconsin Central Ry. Co.
Hiscock, Frank H.....	do.....	do.....	do.....	do.....	36	New York, New Hav. & Hart. R. R. Co.
				do.....	91	Southern Ry. Co.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Hudson & Co., C. I.....	United States.	Stockholder.....	.....	Pacific Mail Steamship Co..	Stockholder.....	2	Atlantic Coast Line R. R. Co.
					do.....	10	Chesapeake & Ohio Ry. Co.
					do.....	.....	Colorado & Southern Ry. Co.
					do.....	.....	Delaware & Hudson Co.
					do.....	98	Duluth, So. Shore & Atlantic Ry. Co.
					do.....	14	Erie R. R. Co.
					do.....	18	Great Northern Ry. Co.
					do.....	.....	Kansas City Southern Ry. Co.
					do.....	.....	Lake Erie & Western R. R. Co.
					do.....	24	Lehigh Valley R. R. Co.
					do.....	60	Long Island R. R. Co.
					do.....	3	Louisville & Nashville R. R. Co.
					do.....	.....	Minn., St. Paul & S. S. M. Ry. Co.
					do.....	29	New York Cent. & Hud. Riv. R. R. Co.
					do.....	45	Norfolk & Western Ry. Co.
					do.....	48	Northern Pacific Ry. Co.
					do.....	53	Pennsylvania R. R. Co.
					do.....	.....	Peoria & Eastern Ry. Co.
					do.....	75	Seaboard Air Line Ry.
					do.....	79	Southern Pacific Co.
					do.....	91	Southern Ry. Co.
					do.....	93	Union Pacific R. R. Co.
					do.....	.....	Wisconsin Central Ry. Co.
Kruttchnitt, J. ¹	do.....	Director and officer.....	do.....	do.....	do.....	.....	.....do.....
Land Title & Trust Co. (trustee).	do.....	Stockholder.....	do.....	do.....	Stockholder.....	.....	Munsing, Marquette & S. E. Ry. Co.
McDonald, A. D. ¹	do.....	Officer.....	do.....	do.....	do.....	.....	.....do.....
Macy, George H.....	do.....	Director.....	do.....	do.....	Stockholder.....	14	Erie R. R. Co.
Manning, John B.....	do.....	Stockholder.....	do.....	do.....	do.....	72	Central Railroad Co. of New Jersey.
					do.....	.....	Colorado & Southern Ry. Co.
					do.....	11	Del., Lackawanna & Western R. R. Co.
					do.....	.....	.....do.....
					do.....	98	Duluth, So. Shore & Atlantic Ry. Co.
					do.....	14	Erie R. R. Co.

					do.	59	Grand Rapids & Indiana Ry. Co.
					do.	21	Illinois Central R. R. Co.
					do.		Lake Erie & Western R. R. Co.
					do.	24	Lehigh Valley R. R. Co.
					do.	60	Long Island R. R. Co.
					do.	29	New York Cent. & Hud. Riv. R. R. Co.
					do.	36	New York, New Hav. & Hart. R. R. Co.
					do.	48	Northern Pacific Ry. Co.
					do.		Peoria & Eastern Ry. Co.
					do.	69	Pere Marquette R. R. Co.
					do.		Pgh., Westmoreland & Somerset R. R. Co.
					do.	79	Southern Pacific Co.
					do.	93	Union Pacific R. R. Co.
Mills, Ogden	do.	Director	do.	Director			Chicago, Rock Island & Pac. Ry. Co.
					do.	14	Erie R. R. Co.
					do.	29	New York Cent. & Hud. Riv. R.R. Co.
				Stockholder		48	Northern Pacific Ry. Co.
					do.	75	Seaboard Air Line Ry.
					do.	79	Southern Pacific Co.
Neill, Hugh ²	do.	Officer	do.	Officer		79	Do.
Nutting, L. H.	do.	do.	do.	Stockholder		10	Chesapeake & Ohio Ry. Co.
Orvis Bros. & Co.	do.	Stockholder	do.	do.			Cleve., Cinn., Chi. & St. Louis Ry. Co.
					do.		Delaware & Hudson Co.
					do.	14	Erie R. R. Co.
					do.	18	Great Northern Ry. Co.
					do.		Minn., St. Paul & S. S. M. Ry. Co.
					do.	45	Norfolk & Western Ry. Co.
					do.	48	Northern Pacific Ry. Co.
					do.	75	Seaboard Air Line Ry.
					do.	79	Southern Pacific Co.
					do.		Texas & Pacific Ry. Co.
					do.	93	Union Pacific R. R. Co.
					do.		Wisconsin Central Ry. Co.
Read & Co., Wm. A.	do.	do.	89	do.	do.	8	Buff., Rochester & Pittsburgh Ry. Co.
					do.	21	Illinois Central R. R. Co.
					do.		Lake Erie & Western R. R. Co.
					do.		Minn., St. Paul & S. S. M. Ry. Co.
					do.	36	New York, New Hav. & Hart. R. R. Co.
					do.	69	Pere Marquette R. R. Co.
					do.	33	Rutland R. R. Co.
					do.	91	Southern Ry. Co.
					do.		Wisconsin Central Ry. Co.

¹ See note 2, page 39.

² See note 6, page 33.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Rodgers & Co., R.....	United States.	Stockholder.....	.....	Pacific Mail Steamship Co..	Stockholder.....	8	Buff., Rochester & Pittsburgh Ry. Co.
Schwerin, R. P. ¹	do.....	Director and officer.....	.....	do.....	do.....	14	Erie R. R. Co.
Simpson, J. A.....	do.....	Officer.....	.....	do.....	Officer.....	86	Louisiana Western R. R. Co.
					do.....	79	Morgan's La. & Tex. R. R. & S. S. Co.
					do.....		Southern Pacific Co.
Southern Pacific Co. ²	do.....	Stockholder.....	.....	do.....	do.....	98	Duluth, So. Shore & Atlantic Ry. Co.
Spence, L. J. ³	do.....	Director.....	.....	do.....	do.....	14	Erie R. R. Co.
Sternberger, Sinn & Co.....	do.....	Stockholder.....	.....	do.....	do.....	24	Kansas City Southern Ry. Co.
					do.....	29	Lehigh Valley R. R. Co.
					do.....	48	New York Cent. & Ind. Riv. R. R. Co.
					do.....	75	Northern Pacific Ry. Co.
					do.....	79	Seaboard Air Line Ry.
					do.....	93	Southern Pacific Co.
					do.....	79	Texas & Pacific Ry. Co.
					do.....		Union Pacific R. R. Co.
					do.....		Wisconsin Central Ry. Co.
Swenson, E. P.....	do.....	Director.....	.....	do.....	Director, officer, and stockholder.....		Southern Pacific Co.
Van Deventer, A. K. ⁴	do.....	Officer.....	.....	do.....	do.....		
Worthington, W. A. ⁵	do.....	Director and stockholder.....	.....	do.....	do.....		
Atlantic Coast Line Railroad Company. ⁶	do.....	Stockholder.....	6	Peninsular & Occidental S. S. Co.	do.....		
Beardsley, W. H.....	do.....	Director.....	.....	do.....	Director and officer.....	17	Florida East Coast Ry. Co.
Beckwith, J. P.....	do.....	Officer.....	.....	do.....	do.....	17	Do.
Kenly, J. R. ⁶	do.....	Director.....	.....	do.....	do.....		
Parsons, R. W.....	do.....	Director and officer.....	.....	do.....	do.....	17	Do.
Plant, M. F.....	do.....	do.....	.....	do.....	Director and stockholder.....	2	Atlantic Coast Line R. R. Co.

S D-64-1-vol 43-39

				Stockholder.....	10	Chesapeake & Ohio Ry. Co.
				do.....	3	Louisville & Nashville R. R. Co.
				Director and stockholder.....	36	New York, New Hav. & Hart. R. R. Co.
				Stockholder.....	45	Norfolk & Western Ry. Co.
				do.....	48	Northern Pacific Ry. Co.
				do.....	53	Pennsylvania R. R. Co.
				do.....	79	Southern Pacific Co.
				Director.....	17	Florida East Coast Ry. Co.
Salter, J. C.....	do.....	Officer.....	do.....			
Steele, Charles ¹	do.....	Stockholder.....	16	Pennsylvania Coal Co.....		
Underwood, F. D. ²	do.....	Director.....		do.....		
Canadian Pacific Ry. Co.....	do.....	Stockholder.....	100	Pennsylvania-Ontario Transp. Co.....		
Pennsylvania Compan.....	do.....	do.....		do.....		
				do.....	98	Duluth, So. Shore & Atlantic Ry. Co.
				do.....	59	Grand Rapids & Indiana Ry. Co.
				do.....	45	Lake Erie & Pittsburgh Ry. Co.
				do.....		Norfolk & Western Ry. Co.
Southern Pacific Co. ²	do.....	do.....	90	Persia Steamship Co.....		
Brown Bros. & Co. ²	do.....	do.....		Philadelphia-New Orleans Transp. Co.....		
Jones, D. H. E. ¹⁰	do.....	Director and officer.....		do.....		
Blatchford, Charles H.....	do.....	Officer.....	28	Portland, Mt. Desert & Machias S. B. Co.....		
				Officer.....		Bridgton & Saco River R. R. Co.
				do.....	26	Maine Central R. R. Co.
				do.....		Portland Terminal Co.
				do.....		Sandy River & Rangeley Lakes R. R. Co.
Douglass, Dana C.....	do.....	Director.....	do.....	do.....	26	Maine Central R. R. Co.
				do.....		Portland Terminal Co.
				do.....		Rangeley Lakes & Megantic R. R. Co.
Foss, Arthur P.....	do.....	Officer.....	do.....	do.....		Bridgton & Saco River R. R. Co.
				do.....	26	Maine Central R. R. Co.
				do.....		Portland Terminal Co.
				do.....		Rangeley Lakes & Megantic R. R. Co.
Hyde, John S.....	do.....	Director.....	do.....	Director.....	26	Maine Central R. R. Co.
				do.....		Portland Terminal Co.
				do.....		Rangeley Lakes & Megantic R. R. Co.
Lewis, Weston.....	do.....	do.....	do.....	do.....	26	Maine Central R. R. Co.
				do.....		Portland Terminal Co.
				do.....		Rangeley Lakes & Megantic R. R. Co.
McDonald, Morris.....	do.....	Director and officer.....	28	do.....		Bridgton & Saco River R. R. Co.
				Director and officer.....	26	Maine Central R. R. Co.
				do.....		Portland Terminal Co.
				do.....		Rangeley Lakes & Megantic R. R. Co.

¹ See note 3, page 25.² See note 5, page 23.³ See note 2, page 39.⁴ See note 6, page 33.⁵ See note 6, page 31.⁶ See note 1, page 33.⁷ See note 8, page 41.⁸ See note 6, page 41.⁹ See note 7, page 23.¹⁰ See note 4, page 37.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Maine Central R. R. Co.....	United States.	Stockholder.....	.....	Portland, Mt. Desert & Machias S. B. Co.	Stockholder.....	.....	Bridgton & Saco River R. R. Co.
					do.....	27	Maine Ry's. Co's.
					do.....	.....	Portland Terminal Co.
					do.....	.....	Rangeley Lakes & Megantic R. R. Co.
					do.....	.....	Sandy River & Rangeley Lakes R. R. Co.
Symonds, Joseph W.....	do.....	Director.....	.....	.....do.....	Director.....	26	Maine Central R. R. Co.
					do.....	.....	Portland Terminal Co.
					do.....	.....	Rangeley Lakes & Megantic R. R. Co.
					do.....	.....	Sandy River & Rangeley Lakes R. R. Co.
Winslow, E. B. ¹	do.....	do.....	.....	.....do.....	do.....	.....	Bridgton & Saco River R. R. Co.
York, George W.....	do.....	Officer.....	.....	.....do.....	Officer.....	26	Maine Central R. R. Co.
					do.....	.....	Portland Terminal Co.
					do.....	.....	Rangeley Lakes & Megantic R. R. Co.
					do.....	.....	Sandy River & Rangeley Lakes R. R. Co.
Sullivan, John.....	do.....	Part owner.....	.....	Raymond Alley.....	do.....	.....	Kansas City Southern Ry. Co.
Allen, Philip.....	do.....	Director.....	47	John L. Roper Lumber Co.	Stockholder.....	46	Norfolk Southern R. R. Co.
Avery, Jas. T.....	do.....	Officer.....	.....	.....do.....	do.....	46	Do.
Bull, Frederick.....	do.....	Director.....	.....	.....do.....	do.....	46	Do.
Chadbourne & Shores.....	do.....	Officer.....	.....	.....do.....	do.....	46	Do.
Clarke, Lewis L.....	do.....	Director.....	.....	.....do.....	do.....	46	Do.
Hawkins, M. S.....	do.....	Officer.....	.....	.....do.....	do.....	46	Do.
Krech, Alvin W.....	do.....	Director.....	.....	.....do.....	Director.....	46	Do.
Manly, M.....	do.....	Officer.....	.....	.....do.....	Officer.....	46	Do.
Nicholson, Samuel M.....	do.....	Director.....	.....	.....do.....	Director.....	46	Do.
Perry, Marsden J.....	do.....	Director and officer.....	.....	.....do.....	Director, officer, and stockholder.....	46	Do.
Swartwout, R. H.....	do.....	Director.....	.....	.....do.....	Director and officer.....	46	Do.
Campbell, B. ²	do.....	Director and officer.....	34	Rutland Transit Co.....	do.....	.....	
Carstensen, John ³	do.....	Director.....	.....	.....do.....	do.....	.....	
Cassidy, George.....	do.....	Officer.....	.....	.....do.....	Officer.....	33	Rutland R. R. Co.

Eaton, Fred. J.	do.	do.	do.	do.	do.	33	Do.
Jarvis, Geo. T.	do.	do.	Director and officer.	do.	Director and officer.	33	Do.
Pardee, D. W. ⁴	do.	do.	Officer.	do.	Officer.		Chicago, Ind. & Sou. R. R. Co.
					do.		Cincinnati Northern R. R. Co.
					do.		Cleve., Cinn., Chi. & St. Louis Ry.
					do.		Co.
					do.		Dunkirk, Allegheny Val. & Pgh.
					do.		R. R. Co.
					do.		Lake Erie & Pittsburgh R. R. Co.
					do.		Lake Erie & Western R. R. Co.
					Stockholder		Lake Shore & Michigan Sou. Ry.
							Co.
					Officer.	30	Michigan Central R. R. Co.
					do.	29	New York Cent. & Hud. Riv. R. R.
					do.		Co.
					do.		Peoria & Eastern Ry. Co.
					do.	33	Rutland R. R. Co.
					Stockholder		Toledo & Ohio Central Ry. Co.
					do.		Zanesville & Western Ry. Co.
					do.		Dunkirk, Allegheny Val. & Pgh.
					do.		R. R. Co.
					Officer.	29	New York Cent. & Hud. Riv. R. R.
					do.		Co.
					do.	33	Rutland R. R. Co.
					do.	33	Do.
					Director and officer.		Cincinnati Northern R. R. Co.
					do.		Cleve., Cinn., Chi. & St. Louis Ry.
					do.		Co.
					do.		Lake Erie & Pittsburgh Ry. Co.
					do.		Lake Erie & Western Ry. Co.
					do.	30	Michigan Central R. R. Co.
					do.		Pacific & Idaho Northern Ry. Co.
					do.		Rutland R. R. Co.
					do.	33	Chicago, Indiana & Southern R. R.
					Director.		Co.
					Officer.		Cincinnati Northern R. R. Co.
					Director.		Cleve., Cinn., Chi. & St. Louis Ry.
					do.		Co.
					Director and officer.		Dunkirk, Allegheny Val. & Pgh.
					do.		R. R. Co.
					do.		Lake Erie & Western R. R. Co.
					do.		Lake Shore & Michigan Sou. Ry.
					do.		Co.
					do.	30	Michigan Central R. R. Co.
					do.	29	New York Cent. & Hud. Riv. R. R.
					do.		Co.
					do.		Peoria & Eastern Ry. Co.
					Director.	33	Rutland R. R. Co.
					Director and officer.		Toledo & Ohio Central Ry. Co.
					do.		Zanesville & Western Ry. Co.

¹ See note 5, page 31.

² See note 4, page 49.

³ See note 10, page 49. ⁴ Interested in or connected with Rutland Transit Co., Western Transit Co., and rail carriers shown in last column opposite company first mentioned.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Howell, Lee 1.....	United States.	Director.....		St. Louis & Tennessee River Packet Co.	.....		
Blaisdell, R.....	do.....	Director and officer....	96	San Francisco & Portland Steamship Co.	Officer.....	95	Oregon-Washington R. R. & Nav. Co.
Cotton, W. W.....	do.....	Director.....		do.....	Director.....	95	Do.
Crosby, F. V. S.....	do.....	Officer.....		do.....	Officer.....	94	Oregon Short Line R. R. Co.
					do.....	95	Oregon-Washington R. R. & Nav. Co.
Farrell, J. D.....	do.....	Director and officer....		do.....	do.....	93	Union Pacific R. R. Co.
McMurray, Wm.....	do.....	Officer.....		do.....	Director and officer....	95	Oregon-Washington R. R. & Nav. Co.
Meyer, J. F.....	do.....	do.....		do.....	Officer.....	95	Do.
O'Brien, J. P.....	do.....	Director and officer....		do.....	do.....	95	Do.
Spencer, A. C.....	do.....	do.....		do.....	do.....	95	Do.
County, A. J.....	do.....	Director.....	67	Susquehanna Coal Co.	do.....	95	Do.
					Director.....	54	Balto., Ches. & Atlantic Ry. Co.
					Director and officer....	66	Del., Md. & Va. R. R. Co.
					Officer.....	65	Delaware R. R. Co.
					Director.....	60	Long Island R. R. Co.
					do.....	55	Md., Del. & Va. Ry. Co.
					Director and officer....	62	New York, Phila. & Norfolk R. R. Co.
					Officer.....	53	Pennsylvania R. R. Co.
Green, John P. 2.....	do.....	do.....		do.....	.....		
Pennsylvania R. R. Co. 2.....	do.....	Stockholder.....		do.....	.....		
Postlethwaite, E. T.....	do.....	Director.....		do.....	Officer.....	53	Do.
Shortridge, N. Parker.....	do.....	do.....		do.....	Stockholder.....	59	Grand Rapids & Indiana Ry. Co.
					do.....	63	Northern Central Ry. Co.
					do.....	53	Pennsylvania R. R. Co.
					do.....	64	Phila., Balto. & Wash. R. R. Co.
					do.....	68	West Jersey & Seashore R. R. Co.
Tatnall, Henry 2.....	do.....	do.....		do.....	.....		
Williams, J. Randall.....	do.....	Director.....		do.....	Stockholder.....	45	Norfolk & Western Ry. Co.
					do.....	10	Chesapeake & Ohio Ry. Co.

Matlack, Wm. C.	do.....	Director, officer, and stockholder.	do.....	Trenton Transportation Co.	do.....	do.....	Kansas City Southern Ry. Co.
					do.....	24	Lehigh Valley R. R. Co.
					do.....	48	Northern Pacific Ry. Co.
					do.....	79	Southern Pacific Co.
Schwerin, R. P. ³	do.....	Stockholder	do.....	Tyce Co.	do.....		
Carstensen, John ⁴	do.....	Director and officer	35	Western Transit Co.	do.....		
Depew, C. M.	do.....	Director	do.....		Director		Cleve., Cinn., Chi. & St. Louis Ry. Co.
					do.....		Delaware & Hudson Co.
					do.....		Dunkirk, Allegheny Val. & Pgh. R. R. Co.
					do.....		Lake Shore & Mich. Sou. Ry. Co.
					do.....	30	Michigan Central R. R. Co.
					do.....	29	New York Cent. & Hud. Riv. R. R. Co.
Harris, A. H.	do.....	do.....	do.....	do.....	Officer		Chicago, Indiana & Sou. R. R. Co.
					do.....		Cincinnati Northern R. R. Co.
					do.....		Cleve., Cinn., Chi. & St. Louis Ry. Co.
					Director		Dunkirk, Allegheny Val. & Pgh. R. R. Co.
					Officer		Lake Shore & Michigan Sou. Ry. Co.
					do.....	29	New York Cent. & Hud. Riv. R. R. Co.
					do.....		Peoria & Eastern Ry. Co.
					do.....		Zanesville & Western Ry. Co.
Newman, William H.	do.....	do.....	do.....	do.....	Director		Cincinnati Northern R. R. Co.
					do.....		Chicago, Indiana & Southern R. R. Co.
					do.....		Cleve., Cinn., Chi. & St. Louis Ry. Co.
					do.....		Dunkirk, Allegheny Val. & Pgh. R. R. Co.
					do.....		Lake Erie & Western R. R. Co.
					do.....		Lake Shore & Mich. Sou. Ry. Co.
					do.....	30	Michigan Central R. R. Co.
					Stockholder	29	New York Cent. & Hud. Riv. R. R. Co.
					Director	33	Rutland R. R. Co.
					do.....		Toledo & Ohio Central Ry. Co.
New York Central & Hudson River Railroad Co. ⁶	do.....	Stockholder	do.....	do.....	do.....		
Pardee, D. W. ⁶	do.....	Officer	do.....	do.....	do.....		
Pollock, W. B.	do.....	Director	do.....	do.....	Officer and stockholder	29	New York Cent. & Hud. Riv. R. R. Co.
Rossiter, Edward L. ⁶	do.....	Officer	do.....	do.....	do.....		
Smith, Alfred H. ⁶	do.....	Director and officer	do.....	do.....	do.....		
Vanderbilt, Wm. K., jr. ⁶	do.....	Director	do.....	do.....	do.....		

¹ See note 3, page 37.² See note 1, page 37.³ See note 3, page 25.⁴ See note 4, page 49.⁵ See note 3, page 49.⁶ See note 4, page 65.

Individuals and companies interested in or connected with carriers by water and by rail on June 30, 1914—Continued.

Individual or company.	Address.	Interested in or connected with—					
		Carriers by water.			Carriers by rail.		
		Director, officer, or stockholder.	Reference No.	Name.	Director, officer, or stockholder.	Reference No.	Name.
Vanderbilt, Wm. K.	United States.	Director.	35	Western Transit Co.	Stockholder.		Cleve., Cinn., Chi. & St. Louis Ry. Co.
					do.....	11	Del., Lackawanna & Western R. R. Co.
					Director and stockholder.		Dunkirk, Allegheny Val. & Pgh. R. R. Co.
					Stockholder.		Lake Erie & Western R. R. Co.
					Director and stockholder.		Lake Shore & Michigan Sou. Ry. Co.
					Director.	30	Michigan Central R. R. Co.
					Director and stockholder.	29	New York Cent. & Hud. Riv. R. R. Co.
					Stockholder.	33	Rutland R. R. Co.
White, R. A.	do.	Officer.		do.	Officer.	29	New York Cent. & Hud. Riv. R. R. Co.

EXHIBIT 3.

EXPLANATORY NOTE.

Exhibit 3 shows the names of carriers by water which on June 30, 1914, had no corporate relation to carriers by rail, but which were operated in community of interest with railroads through interlocking stocks, directors, or officers. The names of the water carrier companies have been arranged alphabetically with the exception of the five steamship companies forming the Atlantic, Gulf, and West Indies steamship lines, which are indented to show their intercorporate relation to the parent company.

The names of rail carriers with which any particular water carrier shown in this exhibit is operated in community of interest through interlocking stocks, directorates, or officers may be ascertained by reference to Exhibit 2.

Water carriers not in corporate relation to carriers by rail, but operated in community of interest with railroads through interlocking stocks, directors, or officers on June 30, 1914.

Name.	Vessels owned and operated.						Waters traversed.	Termini.	
	Steam vessels.		Sailing vessels, barges.		Total.			From—	To—
	Num-ber.	Gross tonnage.	Num-ber.	Gross tonnage.	Num-ber.	Gross tonnage.			
Alaska Steamship Co.....	13	28,319	.....	.....	13	28,319	Pacific Ocean.....	Seattle, Wash.....	Knik, Alaska.
Albemarle Steam Navigation Co..	3	913	.....	.....	3	913	Chowan River.....	Franklin, Va.....	Edenton, N. C.
American-Asiatic Steamship Co...	15	26,701	.....	.....	15	26,701	Atlantic Ocean, Mediter- ranean Sea, Suez Canal, and Indian Ocean.	New York, N. Y., Boston, Mass.	Orient ports.
American-Hawaiian Steamship Co. ²	25	170,400	.....	.....	25	170,400	Atlantic and Pacific oceans..	Atlantic ports.....	Pacific ports.
Atlantic & Pacific Steamship Co..	4	24,008	.....	.....	4	24,008	do.....	do.....	Do.

¹ Chartered from owners not shown in this table.

² Owns but does not operate 1 steam vessel referred to in note 13 on page 71.

Water carriers not in corporate relation to carriers by rail, but operated in community of interest with railroads through interlocking stocks, directors, or officers on June 30, 1914—Continued.

Name.	Vessels owned and operated.						Waters traversed.	Termini.	
	Steam vessels.		Sailing vessels, barges.		Total.			From—	To—
	Num-ber.	Gross tonnage.	Num-ber.	Gross tonnage.	Num-ber.	Gross tonnage.			
Atlantic, Gulf & West Indies steamship lines: ¹									
Clyde Steamship Co. ²	27	61,893	.....	.....	27	61,893	Atlantic Ocean.....	New York, N. Y.....	Atlantic ports.
Mallory Steamship Co. ⁴	14	46,669	.....	.....	14	46,669	Atlantic Ocean and Gulf of Mexico.	do.....	Galveston, Tex.
New York & Cuba Mail S. S. Co. (Ward line).	16	65,889	.....	.....	16	65,889	do.....	do.....	Cuba and Mexican ports.
New York & Porto Rico S. S. Co.	14	46,388	.....	.....	14	46,388	do.....	New York, N. Y., and New Orleans, La.	Cuba, Porto Rico, and Canal Zone.
Southern Steamship Co.....	8	19,547	.....	.....	8	19,547	do.....	Philadelphia, Pa.	Gulf of Mexico ports.
Atlas Transportation Co.....	1	384	9	1,489	6	1,873	Mississippi River and adjacent waters.	Points on Mississippi River.	
Beattie, John, estate of.....	.....	.....	10	3	3	415	Long Island Sound.....	Leete Island.....	Long Island ports.
Benedict Manson Marine Co.....	.....	.....	10	15	15	13,720	Atlantic Ocean.....	Atlantic Ocean ports.....	Atlantic Ocean ports.
Bennetts North Carolina line.....	3	169	.....	.....	3	169	Atlantic Ocean and adjacent waters.	Norfolk, Va.....	New York, Philadelphia, and Baltimore.
Boston & Yarmouth Steamship Co.	3	5,774	.....	.....	3	5,774	Atlantic Ocean.....	Boston, Mass.....	Yarmouth, N. S.
Bridgeport & Port Jefferson Steamboat Co.	1	391	.....	.....	1	391	Long Island Sound.....	Port Jefferson, N. Y.....	Bridgeport, Conn.
Bull Steamship Co.....	6	16,576	.....	.....	6	16,576	Atlantic Ocean and Gulf of Mexico.	Atlantic Ocean ports.....	Atlantic Ocean ports.
Casco Bay & Harpswell lines.....	7	966	.....	.....	7	966	Casco Bay.....	Portland, Me.....	Casco Bay ports.
Cleveland & Buffalo Transit Co.....	4	13,040	.....	.....	4	13,040	Lake Erie.....	Cleveland, Ohio.....	Lake Erie ports.
East Shore line.....	2	132	.....	.....	2	132	Lake Michigan and Black Lake.	Lake Michigan ports.....	Lake Michigan ports.
Evansville & Bowling Green Packet Co.	4	415	11	6	10	1,495	Ohio, Green, and Barren rivers.	Evansville, Ind.....	Bowling Green, Ky.
Girard Trust Co. (American Transportation Co.) ¹²	.....	.....	.....	.....	.....	.....	.....	.....	.....
Great Lakes & St. Lawrence Transportation Co.	9	14,464	.....	.....	9	14,464	Great lakes.....	Oswego, N. Y., and lake ports.	Montreal, Canada.
Humboldt Steamship Co.....	1	1,075	.....	.....	1	1,075	Puget Sound.....	Seattle, Wash.....	Skagway, Alaska.
International Mercantile Marine Co.	124	1,115,861	.....	.....	124	1,115,861	Atlantic Ocean.....	New York, N. Y., Boston, Mass.	British and other foreign ports.

Louisville & Evansville Transportation, Co.	2	932	.....	2	932	Ohio River.....	Louisville, Ky.....	Evansville, Ind.
Matson Navigation Co.....	¹⁸ 9	45,966	¹⁴ 5	4,814	¹³ 14	50,780	San Francisco, Cal.....	Hawaiian Islands.
Merchants & Miners Transportation Co.	¹⁵ 24	61,248	.....	.....	¹⁵ 24	61,248	Baltimore, Md.....	Boston, Mass., Jacksonville, Fla.
Merchants & Planters Steamboat Co.	¹⁶ 4	629	⁹ 3	300	¹⁶ 7	929	Columbus, Ga.....	Apalachicola, Fla.
Merritt & Chapman Derrick & Wrecking Co.	7	3,044	¹⁰ 5	1,005	12	4,049	(¹⁷)	(¹⁷)
Nantasket Beach Steamboat Co..	7	5,600	.....	.....	7	5,600	Boston, Mass.....	Plymouth and Nantasket Beach.
New York & Pacific S. S. Co., Ltd. (Merchants line).	11	55,230	.....	.....	11	55,230	New York, N. Y.....	West coast of South America
Norfolk & Washington Steamboat Co.	3	5,671	.....	.....	3	5,671	Washington, D. C.....	Portsmouth, Va.
Pacific Alaska Navigation Co.....	6	11,968	.....	.....	6	11,968	San Francisco, Cal.....	Pacific ports.
Philadelphia-New Orleans Transportation Co.	¹⁸ 3	6,600	.....	.....	¹⁸ 3	6,600	Philadelphia, Pa.....	Charleston, S. C., Tampa, Fla., and New Orleans, La.
Raymond Alley.....	2	459	.....	.....	2	459	Eastern Maine ports.....	New York, N. Y.
St. Louis & Tennessee River Packet Co.	5	1,297	.....	.....	5	1,297	St. Louis, Mo.....	River points.
Trenton Transportation Co.....	4	1,027	.....	.....	4	1,027	Philadelphia, Pa.....	Trenton, N. J.
Tyee Co.....	¹⁹ 1	151	²⁰ 2	1,347	²¹ 3	1,498	(²¹)	(²¹)
Total.....	382	1,859,796	44	24,170	426	1,883,966		

¹ Owns but does not operate 5 steam vessels referred to in note 8 below.

² Owns but does not operate 2 steam vessels referred to in note 5 below.

³ Includes 7 steam vessels, gross tonnage 7,873 tons, chartered from owners not shown in this table.

⁴ Owns but does not operate 1 steam vessel referred to in note 7 below.

⁵ Includes 3 steam vessels, gross tonnage 10,152 tons, in United States Government transport service, and 2 steam vessels, gross tonnage 6,297 tons, chartered from Clyde Steamship Co., owner.

⁶ Includes 7 steam vessels, gross tonnage 20,250 tons, chartered from owner not shown in this table.

⁷ Includes 1 steam vessel, gross tonnage 6,399 tons, chartered from Mallory Steamship Co., owner.

⁸ Includes 5 steam vessels, gross tonnage 13,335 tons, chartered from Atlantic, Gulf & West Indies steamship lines, owner.

⁹ Barges.

¹⁰ Sailing vessels.

¹¹ Barges not registered. Gross tonnage approximate.

¹² Owns but does not operate 3 steam vessels referred to in note 18 below.

¹³ Includes 1 steam vessel, gross tonnage 7,059 tons, chartered from American-Hawaiian Steamship Co., owner.

¹⁴ Includes 3 sailing vessels, gross tonnage 3,049 tons, and 2 barges, gross tonnage 1,765 tons.

¹⁵ Includes 4 steam vessels, gross tonnage 6,866 tons, not in operation on June 30, 1914.

¹⁶ Includes 1 steam vessel, gross tonnage 114 tons, not in operation on June 30, 1914.

¹⁷ "No commodities carried in any fixed direction."

¹⁸ Chartered from Girard Trust Co. (American Transportation Co.), owner.

¹⁹ Not in operation on June 30, 1914.

²⁰ Barges, not in operation on June 30, 1914.

²¹ See notes 19 and 20 above.

EXHIBIT 4, SECTION (A).

EXPLANATORY NOTE.

Section (a) of this exhibit contains the information given in answer to the interrogatories based upon the second paragraph of the resolution with the exception of that part which pertains to rates on commodities carried partly by water and partly by rail across the Isthmus of Panama or Tehuantepec. These latter routes were discontinued in 1914.

Rates upon commodities shown under the caption "wholly by water via Panama Canal" are the rates in effect at the end of October, 1914, charged for the transportation of freight between Atlantic and Pacific ports of the United States by American-Hawaiian Steamship Company and Atlantic and Pacific Steamship Company.

The approximate distances such freight is carried by vessels of these two companies vary from 4,880 miles to 6,175 miles, a blanket rate being charged upon each commodity from coast to coast.

Water rates used for purposes of comparison are those in effect at the end of October, 1914, upon commodities carried by vessels under British registry operated by the New York and Pacific Steamship Company, Limited. The vessels of this company ply between Atlantic ports of the United States and Valparaiso, Chile, Callao, Peru, and other ports on the west coast of South America, passing through the Panama Canal and covering similar distances as the water routes between Atlantic and Pacific ports of the United States, above referred to.

This exhibit also shows rates in effect on commodities carried wholly by rail between Atlantic and Pacific ports of the United States.

Prevailing rates upon principal commodities in effect on October 31, 1914.

[Prevailing rates per 100 pounds in carload lots.]

Commodities.	East or west bound.	Carried between Atlantic and Pacific ports of the United States. ¹		Carried by water by vessels not under United States registry from New York to—	
		Wholly by water via Panama Canal.	Wholly by rail.	Callao, Peru (6,100 miles via Valparaiso).	Valparaiso, Chile (4,630 miles).
Products of agriculture:					
Grain—Barley.....	East.....	\$0.30	\$0.90		
Flour.....	do.....	.30	.70		
Other mill products—					
Mill feed.....	do.....	.40	1.52		
Meal.....	do.....	.40	.90		
Hay.....	do.....	.50	1.20		
Tobacco—Cigars.....	West.....	1.00	3.00		
Fruit—					
Dried and evaporated.....	East.....	.40	1.10		
Canned.....	do.....	.30	.85		
Vegetables—Beans and peas.....	do.....	.35	.85		
Do.....	West.....	.50	.75		
Other products of agriculture—Hops.....	East.....	.80	1.75		
Products of animals:					
Poultry, game, and fish—Canned salmon.....	do.....	.30	.70		
Leather.....	West.....	1.25		\$0.63	\$0.57
Wool, in grease.....	East.....	.45	1.00		
Products of forests: Lumber—Shingles.....	do.....	.55	.85		
Manufactures:					
Oil—Lubricating.....	West.....	.50	1.90	2.46	2.44
Naval stores—					
Paint.....	do.....	.50	1.20	.37	.33
Rosin.....	do.....	.45	.75	.31	.31
Hardware.....	do.....	.85	1.10	.54	.50
Nails.....	do.....	.25	1.25	.31	.31
Rope and cable.....	do.....	.50	.90	.37	.33
Tinware.....	do.....	.90	1.10	.37	.33
Iron and steel—					
Rails.....	do.....	.30	.80	.31	.31
Structural.....	do.....	.25	.80	.37	.33
Bar and angle.....	do.....	.25	.80	.54	.50
Castings—					
Iron pipe.....	do.....	.35	.65	.37	.33
Heaters, stoves, etc.....	do.....	.60	1.50	.37	.33
Machinery, n. o. s.....	do.....	.95	1.92	.54	.50
Bar and sheet metal—					
Babbitt metal.....	do.....	.60	1.90		
Tin plate.....	do.....	.25	.74		
Sheet iron.....	do.....	.30	1.00		
Copper sheets.....	do.....	.75	1.50		
Cement.....	do.....	.30	1.20		
Agricultural implements.....	do.....	.75	1.25	.33	.33
Wagons, carriages, etc.—					
Bicycles.....	do.....	1.50	2.50		
Baby carriages.....	do.....	1.25	2.20	.54	.50
Gin, whisky, and bitters.....	do.....	.60	3.20		
Household goods and furniture.....	do.....	1.25	1.65	.54	.50
Household goods—					
Carpets and rugs.....	do.....	1.00	1.85	.54	.50
Linoleum, oilcloth.....	do.....	.60	1.10	.54	.50
Other manufactures—					
Drugs, etc.....	do.....	.75	1.50	.63	.57
Perfumery.....	do.....	2.00	3.70	.37	.33
Electrical goods.....	do.....	1.00	1.60	.54	.50
Glassware.....	do.....	.75	1.50	.33	.33
Boots and shoes.....	do.....	1.25	2.75	.63	.57

¹ Between New York, N. Y., and East San Pedro, Cal., San Francisco, Cal., Portland, Oreg., Seattle, Wash., and Tacoma, Wash., mileage by water from 4,880 to 6,175 miles, and by rail from 3,131 to 3,236 miles.

² Based on tariff rate per cubic foot, this measure being considered equivalent to 50 pounds.

Prevailing rates upon principal commodities in effect on October 31, 1914—Continued.

Commodities.	East or west bound.	Carried between Atlantic and Pacific ports of the United States.		Carried by water by vessels not under United States registry from New York to—	
		Wholly by water via Panama Canal.	Wholly by rail.	Callao, Peru (6,100 miles via Valparaiso).	Valparaiso, Chile (4,630 miles).
Merchandise and miscellaneous:					
Groceries—					
Tea.....	East....	\$0.40	\$1.00	-----	-----
Coffee.....	West....	.45	1.10	-----	-----
Starch.....	do.....	.55	1.00	-----	-----
Soap.....	do.....	.40	.80	-----	-----
Cereal.....	do.....	.50	.90	-----	-----
Dry goods, n. o. s.....	do.....	1.50	1.50	.63	.57
Cotton piece goods.....	do.....	.60	1.10	-----	-----

EXHIBIT 4, SECTION (B).

EXPLANATORY NOTE.

Section (b) of this exhibit contains the information given in answer to the interrogatories based upon the third and fourth paragraphs of the resolution. It shows a comparison of the water rates on freight carried by vessels in the coastwise trade of the United States with the water rates on similar freight for similar distances carried by vessels in the foreign trade of the United States (1) under United States registry and (2) under foreign registry. The rates shown under the caption "in the coastwise trade of the United States" are rates in effect at the end of October, 1914, on commodities carried by vessels operated by the following companies:

In the Atlantic coast and the Gulf coast trades.—Clyde Steamship Company, Eastern Steamship Company, Mallory Steamship Company, Merchants and Miners Transportation Company, New York and Porto Rico Steamship Company, Ocean Steamship Company of Savannah.

In the Pacific coast trade.—Pacific Coast Steamship Company, Pacific Mail Steamship Company, Pacific Navigation Company.

The rates shown under the caption "in the foreign trade of the United States" are those in effect at the end of October, 1914, on commodities carried by vessels under United States registry operated by the following companies:

In the Atlantic coast trade.—Eastern Steamship Company (to Canadian ports), Atlantic and Caribbean Steam Navigation Company (to South American ports).

In the Pacific coast trade.—San Juan Navigation Company, Pacific Coast Steamship Company (to Canadian ports), Pacific Mail Steamship Company (to Mexican ports).

The rates in effect at the end of October, 1914, on freight carried by vessels under foreign registry are reported by the following companies:

In the Atlantic coast trade.—Boston and Yarmouth Steamship Company (to Canadian ports).

In the Gulf coast trade.—Atlantic and Mexican Gulf Steamship Company (to Mexican ports), Wolvin line (to Mexican ports).

The Wolvin line operates steamers under Norwegian registry, while those operated by the Boston and Yarmouth and the Atlantic and Mexican Gulf companies are under British registry.

Prevailing rates upon principal commodities

Commodities.	In the coastwise trade of the United States.			
	From—	To—	Miles.	Rate and rate base.
Products of agriculture:				
Grain.....	Baltimore, Md.....	Newport News, Va....	187	\$0.07 cwt..
Do.....	Boston, Mass.....	New York, N. Y.....	337	.07 cwt..
Grain—				
Oats.....	Baltimore, Md.....	Savannah, Ga.....	629	.10 cwt..
Do.....	Seattle, Wash.....	San Diego, Cal.....	1,286	4.15 ton..
Do.....	New York, N. Y.....	Galveston, Tex.....	2,000	.15 cwt..
Wheat.....	Seattle, Wash.....	San Diego, Cal.....	1,286	3.75 ton..
Rye.....	Baltimore, Md.....	Savannah, Ga.....	629	.10 cwt..
Do.....	Seattle, Wash.....	San Diego, Cal.....	1,286	3.75 ton..
Barley.....	do.....	do.....	1,286	4.15 ton..
Rice.....	Mobile, Ala.....	San Juan, P. R.....	2,657	.25 cwt..
Flour.....	Baltimore, Md.....	Newport News, Va....	187	.075 cwt.
Do.....	Boston, Mass.....	New York, N. Y.....	337	.075 cwt.
Do.....	San Francisco, Cal....	San Diego, Cal.....	486	.15 cwt..
Do.....	Baltimore, Md.....	Savannah, Ga.....	629	.10 cwt..
Do.....	Philadelphia, Pa.....	do.....	700	.10 cwt..
Do.....	Savannah, Ga.....	New York, N. Y.....	710	.10 cwt..
Do.....	Galveston, Tex.....	Key West, Fla.....	757	.15 cwt..
Do.....	Seattle, Wash.....	San Diego, Cal.....	1,286	4.40 ton..
Do.....	San Francisco, Cal....	Honolulu, Hawaii....	2,100	3.50 ton..
Do.....	Mobile, Ala.....	San Juan, P. R.....	2,657	.175 cwt.
Other mill products—				
Mill feed.....	Baltimore, Md.....	Newport News, Va....	187	.07 cwt..
Meal.....	Boston, Mass.....	New York, N. Y.....	337	.085 cwt.
Do.....	Mobile, Ala.....	San Juan, P. R.....	2,657	.175 cwt.
Bran, shorts, middlings....	Seattle, Wash.....	San Diego, Cal.....	1,286	4.90 ton..
Hay.....	Augusta, Me.....	Boston, Mass.....	156	.12 cwt..
Do.....	Mobile, Ala.....	Key West, Fla.....	575	.15 cwt..
Tobacco—Cigars.....	Key West, Fla.....	Galveston, Tex.....	757	1.25 cwt..
Fruit—				
Fresh.....	Baltimore, Md.....	Newport News, Va....	187	.17 cwt..
Citrus.....	Key West, Fla.....	Mobile, Ala.....	575	.60 bbl..
Apples.....	Boston, Mass.....	Norfolk, Va.....	532	.34 bbl..
Fresh, n. o. s.....	San Diego, Cal.....	Seattle, Wash.....	1,286	5.75 ton..
Fruit and vegetables, canned..	Augusta, Me.....	Boston, Mass.....	156	.13 cwt..
Do.....	Key West, Fla.....	Mobile, Ala.....	575	.30 cwt..
Do.....	San Francisco, Cal....	Seattle, Wash.....	910	3.00 ton..
Do.....	do.....	Tacoma, Wash.....	950	3.00 ton..
Do.....	Seattle, Wash.....	San Diego, Cal.....	1,286	5.00 ton..

¹ Based on tariff rate per bag of 196 pounds. Includes 5 per cent primage.

carried by water in effect on Oct. 31, 1914.

In the foreign trade of the United States.							
Under United States registry.				Under foreign registry.			
From—	To—	Miles.	Rate and rate base.	From—	To—	Miles.	Rate and rate base.
Seattle, Wash.	Vancouver, B. C.	160	\$0.10 cwt..				
Boston, Mass..	St. John, N. B.	350	.10 cwt..	Boston, Mass..	Yarmouth, N. S.	240	\$0.08 cwt.
				Mobile, Ala...	Progreso, Mexico.	572	.25 cwt.
Vancouver, B. C.	San Diego, Cal.	1,300	5.75 ton..				
New York, N. Y.	Puerto Cabello, Venezuela.	2,076	1.28 cwt..				
Vancouver, B. C.	San Diego, Cal.	1,300	5.25 ton..				
				Mobile, Ala...	Progreso, Mexico.	572	.15 cwt.
Vancouver, B. C.	San Diego, Cal.	1,300	5.25 ton..				
do.	do.	1,300	5.75 ton..				
New York, N. Y.	Maracaibo, Venezuela.	2,225	2.30 cwt..				
Seattle, Wash.	Vancouver, B. C.	160	.10 cwt..				
Boston, Mass..	St. John, N. B.	350	.10 cwt..				
				Texas City, Tex.	Tampico, Mexico.	460	.25 cwt.
				do.	Vera Cruz, Mexico.	615	.25 cwt.
				Mobile, Ala...	Progreso, Mexico.	572	.30 cwt.
				New Orleans, La.	Tampico, Mexico.	714	.25 cwt.
				do.	Vera Cruz, Mexico.	794	.25 cwt.
Vancouver, B. C.	San Diego, Cal.	1,300	6.00 ton..				
San Francisco, Cal.	Salina Cruz, Mexico.	2,189	7.00 ton..				
New York, N. Y.	Maracaibo, Venezuela.	2,225	1.31 cwt..				
Seattle, Wash.	Vancouver, B. C.	160	.10 cwt..				
Boston, Mass..	St. John, N. B.	350	.10 cwt..				
New York, N. Y.	Maracaibo, Venezuela.	2,225	1.31 cwt..				
Vancouver, B. C.	San Diego, Cal.	1,300	6.50 ton..				
Seattle, Wash.	Vancouver, B. C.	160	.25 cwt..				
				Mobile, Ala...	Progreso, Mexico.	572	.30 cwt.
				Vera Cruz, Mexico.	New Orleans, La.	794	1.00 cwt.
Seattle, Wash.	Vancouver, B. C.	160	.25 cwt..				
				Mobile, Ala...	Progreso, Mexico.	572	.75 bbl.
				do.	do.	572	.75 bbl.
San Diego, Cal.	Vancouver, B. C.	1,300	7.25 ton..				
Seattle, Wash.	do.	160	.125 cwt..				
				Mobile, Ala...	Progreso, Mexico.	572	.40 cwt.
San Francisco, Cal.	Victoria, B. C.	850	3.25 ton..				
do.	Vancouver, B. C.	950	3.75 ton..				
Vancouver, B. C.	San Diego, Cal.	1,300	6.50 ton..				

* Includes 5 per cent primage.

Prevailing rates upon principal commodities carried

Commodities.	In the coastwise trade of the United States.			
	From—	To—	Miles.	Rate and rate base.
Products of agriculture—Contd.				
Vegetables—				
Beans and peas, dried.....	San Francisco, Cal....	Seattle, Wash.....	910	\$3.00 ton..
Do.....	do.....	Tacoma, Wash.....	950	3.00 ton..
Do.....	San Diego, Cal.....	Seattle, Wash.....	1,286	4.50 ton..
Do.....	San Francisco, Cal....	Honolulu, Hawaii....	2,100	3.50 ton..
Potatoes.....	Augusta, Me.....	Boston, Mass.....	156	.10 cwt..
Do.....	Savannah, Ga.....	Baltimore, Md.....	629	.55 bbl..
Do.....	Seattle, Wash.....	San Diego, Cal.....	1,286	5.75 ton..
Do.....	San Francisco, Cal....	Honolulu, Hawaii....	2,100	3.50 ton..
Do.....	Boston, Mass.....	New York, N. Y.....	337	.125 cwt..
Products of animals:				
Meats—				
Fresh.....	do.....	Bangor, Me.....	209	.15 cwt..
Salted.....	Baltimore, Md.....	Savannah, Ga.....	629	.15 cwt..
Packing-house products.....	Galveston, Tex.....	Tampa, Fla.....	486	.30 cwt..
Do.....	Boston, Mass.....	Norfolk, Va.....	532	.12 cwt..
Do.....	Baltimore, Md.....	Savannah, Ga.....	629	.15 cwt..
Do.....	Savannah, Ga.....	New York, N. Y.....	710	.15 cwt..
Packing-house products—				
Beef, pork, pickled.....	Boston, Mass.....	Bangor, Me.....	209	.25 bbl..
Lard.....	Seattle, Wash.....	San Diego, Cal.....	1,286	5.00 ton..
Fish—				
Canned.....	Baltimore, Md.....	Newport News, Va....	187	.10 cwt..
Do.....	Seattle, Wash.....	San Diego, Cal.....	1,286	5.00 ton..
Smoked, salted.....	Boston, Mass.....	New York, N. Y.....	337	.115 cwt..
Frozen.....	do.....	do.....	337	.20 cwt..
Pickled.....	do.....	do.....	337	.08 cwt..
Oysters, in the shell.....	Norfolk, Va.....	Boston, Mass.....	532	.65 bbl..
Hides and pelts.....	Seattle, Wash.....	San Francisco, Cal....	910	12.00 ton..
Do.....	Tacoma, Wash.....	do.....	950	12.00 ton..
Skins.....	Galveston, Tex.....	New York, N. Y.....	2,000	.22 cwt..
Other products of animals—				
Butter.....	San Francisco, Cal....	Tacoma, Wash.....	950	6.00 ton..
Eggs.....	Augusta, Me.....	Boston, Mass.....	156	.40 cwt..
Do.....	Boston, Mass.....	Bangor, Me.....	209	.40 cwt..
Products of mines:				
Coke in sacks.....	Seattle, Wash.....	San Francisco, Cal....	910	4.00 ton..
Do.....	Tacoma, Wash.....	do.....	950	4.00 ton..
Stone, granite (rough).....	Boston, Mass.....	New York, N. Y.....	337	.08 cwt..
Sand.....	Tacoma, Wash.....	San Francisco, Cal....	950	1.50 ton..

by water in effect on Oct. 31, 1914—Continued.

In the foreign trade of the United States.							
Under United States registry.				Under foreign registry.			
From—	To—	Miles.	Rate and rate base.	From—	To—	Miles.	Rate and rate base.
San Francisco, Cal.	Victoria, B. C.	850	\$3.75 ton.				
.....do.....	Vancouver, B. C.	950	3.75 ton..				
San Diego, Cal.	do.....	1,300	6.00 ton..				
San Francisco, Cal.	Salina Cruz, Mexico.	2,189	7.00 ton..				
Seattle, Wash.	Vancouver, B. C.	160	.15 cwt..				
				Mobile, Ala...	Progreso, Mexico.	572	\$.75 bbl.
San Diego, Cal.	Vancouver, B. C.	1,300	7.25 ton..				
San Francisco, Cal.	Salina Cruz, Mexico.	2,189	9.00 ton..				
				Boston, Mass..	Yarmouth, N. S.	240	.15 cwt.
Seattle, Wash.	Vancouver, B. C.	160	.20 cwt..				
				Mobile, Ala...	Progreso, Mexico.	572	.35 cwt.
				Texas City, Tex.	Tampico, Mexico.	460	.30 cwt.
				Mobile, Ala...	Progreso, Mexico.	572	.25 cwt.
				Texas City, Tex.	Vera Cruz, Mexico.	615	.30 cwt.
				New Orleans, La.	Tampico, Mexico.	714	.30 cwt.
				Boston, Mass..	Yarmouth, N. S.	240	.25 bbl.
Vancouver, B. C.	San Diego, Cal.	1,300	6.50 ton..				
Seattle, Wash.	Vancouver, B. C.	160	.125 cwt.				
Vancouver, B. C.	San Diego, Cal.	1,300	6.50 ton..				
Boston, Mass..	St. John, N. B.	350	.15 cwt..	Boston, Mass..	Yarmouth, N. S.	240	.12 cwt.
.....do.....	do.....	350	.30 cwt..	Boston, Mass..	Yarmouth, N. S.	240	.15 cwt.
.....do.....	do.....	350	.125 cwt.	Mobile, Ala...	Progreso, Mexico.	572	.75 bbl.
Victoria, B. C.	San Francisco, Cal.	850	15.00 ton..				
Vancouver, B. C.	do.....	950	16.00 ton..				
Puerto Cabello, Venezuela.	New York, N. Y.	2,076	1.50 cwt..				
San Francisco, Cal.	Vancouver, B. C.	950	6.00 ton..				
Seattle, Wash.	do.....	160	.35 cwt..	Boston, Mass..	Yarmouth, N. S.	240	.50 cwt.
Victoria, B. C.	San Francisco, Cal.	850	6.00 ton..				
Vancouver, B. C.	do.....	950	7.00 ton..				
Boston, Mass..	St. John, N. B.	350	.15 cwt..				
Vancouver, B. C.	San Francisco, Cal.	950	2.50 ton..				

¹ Based on tariff rate per pound. Includes 5 per cent primage.

Prevailing rates upon principal commodities carried

Commodities.	In the coastwise trade of the United States.			
	From—	To—	Miles.	Rate and rate base.
Products of mines—Continued.				
Other products of mines—				
Salt.....	Boston, Mass.....	New York, N. Y.....	337	\$0.10 cwt..
Do.....	Tacoma, Wash.....	San Francisco, Cal.....	950	1.50 ton..
Asphaltum.....	San Francisco, Cal.....	Tacoma, Wash.....	950	1.50 ton..
Do.....	Seattle, Wash.....	San Diego, Cal.....	1,286	2.25 ton..
Lime rock.....	San Francisco, Cal.....	Seattle, Wash.....	910	2.00 ton..
Do.....	do.....	Tacoma, Wash.....	950	2.00 ton..
Products of forests:				
Lumber.....	Portland, Oreg.....	Florence, Oreg.....	258	7.00 M ft.
Do.....	Savannah, Ga.....	Baltimore, Md.....	629	5.50 M ft.
Do.....	Tacoma, Wash.....	San Francisco, Cal.....	950	8.00 M ft.
Do.....	San Francisco, Cal.....	Honolulu, Hawaii.....	2,100	8.00 M ft.
Do.....	Mobile, Ala.....	San Juan, P. R.....	2,657	8.50 M ft.
Other products of forests—				
Laths.....	Norfolk, Va.....	Boston, Mass.....	532	.19 cwt..
Do.....	San Francisco, Cal.....	Tacoma, Wash.....	950	.90 M...
Shingles.....	do.....	do.....	950	.50 M...
Box shooks.....	Baltimore, Md.....	Savannah, Ga.....	629	.10 cwt..
Do.....	Savannah, Ga.....	New York, N. Y.....	710	.10 cwt..
Do.....	Galveston, Tex.....	Key West, Fla.....	757	.25 cwt..
Do.....	San Francisco, Cal.....	Seattle, Wash.....	910	2.25 cwt..
Do.....	do.....	Tacoma, Wash.....	950	2.25 cwt..
Manufactures:				
Oils.....	Baltimore, Md.....	Newport News, Va.....	187	.10 cwt..
Oils—				
Petroleum.....	San Francisco, Cal.....	Tacoma, Wash.....	950	2.25 ton..
Lubricating.....	Boston, Mass.....	Augusta, Me.....	156	.10 cwt..
Do.....	Baltimore, Md.....	Savannah, Ga.....	629	.15 cwt..
Do.....	New York, N. Y.....	do.....	710	.19 cwt..
Do.....	Brunswick, Ga.....	New York, N. Y.....	757	.19 cwt..
Do.....	Seattle, Wash.....	San Diego, Cal.....	1,286	4.25 ton..
Coal oil.....	San Francisco, Cal.....	Honolulu, Hawaii.....	2,100	3.50 ton..
Cottonseed oil.....	Boston, Mass.....	Norfolk, Va.....	532	.15 cwt..
Do.....	Savannah, Ga.....	Baltimore, Md.....	629	.10 cwt..
Do.....	do.....	New York, N. Y.....	710	.125 cwt.
Do.....	Brunswick, Ga.....	do.....	757	.125 cwt.
Olive oil.....	San Diego, Cal.....	Seattle, Wash.....	1,286	11.50 ton..
Grease.....	Boston, Mass.....	New York, N. Y.....	337	.11 cwt..
Do.....	do.....	Norfolk, Va.....	532	.12 cwt..

¹ Based on tariff rate per cubic foot, this measure being considered equivalent to 50 pounds.

by water in effect on Oct. 31, 1914—Continued.

In the foreign trade of the United States.							
Under United States registry.				Under foreign registry.			
From—	To—	Miles.	Rate and rate base.	From—	To—	Miles.	Rate and rate base
Boston, Mass..	St. John, N. B.	350	\$0.125 cwt.				
Vancouver, B. C.	San Francisco, Cal.	950	2.25 ton..				
San Francisco, Cal.	Vancouver, B. C.	950	2.50 ton..				
Vancouver, B. C.	San Diego, Cal.	1,300	3.75 ton..				
San Francisco, Cal.	Victoria, B. C..	850	2.00 ton..				
do.....	Vancouver, B. C.	950	2.50 ton..				
				Boston, Mass..	Yarmouth, N. S.	240	\$6.00 M ft.
				Mobile, Ala....	Progreso, Mexico.	572	8.00 M ft.
Vancouver, B. C.	San Francisco, Cal.	950	9.50 M. ft.				
San Francisco, Cal.	Salina Cruz, Mexico.	2,189	12.50 M ft.				
New York, N. Y.	Maracaibo, Venezuela.	2,225	9.00 M ft.				
				Mobile, Ala....	Progreso, Mexico.	572	.30 cwt.
San Francisco, Cal.	Vancouver, B. C.	950	1.50 M..				
do.....	do.....	950	.75 M..				
				Texas City, Tex.	Vera Cruz, Mexico.	615	1.14 cwt.
				New Orleans, La.	Tampico, Mexico.	714	1.14 cwt.
				do.....	Vera Cruz, Mexico.	794	1.14 cwt.
San Francisco, Cal.	Victoria, B. C.	850	3.25 cwt.				
do.....	Vancouver, B. C.	950	3.75 cwt.				
Tacoma, Wash.....	do.....	160	.15 cwt..				
San Francisco, Cal.	do.....	950	3.75 ton..				
Seattle, Wash.....	do.....	160	.15 cwt..				
				Texas City, Tex.	Vera Cruz, Mexico.	615	.25 cwt.
				New Orleans, La.	Tampico, Mexico.	714	.25 cwt.
				do.....	Vera Cruz, Mexico.	794	.25 cwt.
Vancouver, B. C.	San Diego, Cal.	1,300	5.75 ton..				
San Francisco, Cal.	Salina Cruz, Mexico.	2,189	² 5.50 ton..				
				Mobile, Ala....	Progreso, Mexico.	572	.35 cwt.
				Texas City, Tex.	Vera Cruz, Mexico.	615	.25 cwt.
				New Orleans, La.	Tampico, Mexico.	714	.25 cwt.
				do.....	Vera Cruz, Mexico.	794	.25 cwt.
San Diego, Cal.	Vancouver, B. C.	1,300	13.00 ton..				
Boston, Mass..	St. John, N. B.	350	.10 cwt..				
				Mobile, Ala....	Progreso, Mexico.	572	.25 cwt.

² Based on tariff rate per 40 cubic feet, this measure being considered equivalent to 1 ton.

Prevailing rates upon principal commodities carried

Commodities.	In the coastwise trade of the United States.			
	From—	To—	Miles.	Rate and rate base.
Manufactures—Continued.				
Sugar.....	Boston, Mass.....	Bangor, Me.....	209	\$0.11 cwt..
Do.....	Baltimore, Md.....	Savannah, Ga.....	629	.105 cwt.
Do.....	New York, N. Y.....	Jacksonville, Fla.....	322	.125 cwt.
Do.....	San Francisco, Cal....	Seattle, Wash.....	910	3.00 ton..
Do.....	do.....	Tacoma, Wash.....	950	3.00 ton..
Do.....	San Diego, Cal.....	Seattle, Wash.....	1,286	4.50 ton..
Naval stores—				
Pitch.....	Boston, Mass.....	Bangor, Me.....	209	.15 cwt..
Rope.....	Baltimore, Md.....	Newport News, Va....	187	.17 cwt..
Wire rope.....	San Francisco, Cal....	Tacoma, Wash.....	950	2.50 ton..
Rosin.....	Boston, Mass.....	New York, N. Y.....	337	.09 cwt..
Tar.....	do.....	do.....	337	.09 cwt..
Turpentine.....	San Francisco, Cal....	Tacoma, Wash.....	950	2.50 ton..
Pig iron.....	do.....	Seattle, Wash.....	910	2.25 ton..
Do.....	do.....	Tacoma, Wash.....	950	2.25 ton..
Iron and steel articles.....	Boston, Mass.....	Norfolk, Va.....	532	.20 cwt..
Iron and steel articles—				
Barb wire.....	New York, N. Y.....	Galveston, Tex.....	2,000	.15 cwt..
Wire netting.....	San Francisco, Cal....	Seattle, Wash.....	910	5.00 ton..
Do.....	do.....	Tacoma, Wash.....	950	5.00 ton..
Tubes, boilers.....	Boston, Mass.....	New York, N. Y.....	337	.12 cwt..
Car wheels.....	Seattle, Wash.....	San Diego, Cal.....	1,286	3.50 ton..
Nuts, bolts, etc.....	do.....	do.....	1,286	4.50 ton..
Radiators.....	do.....	do.....	1,286	5.50 ton..
Track material.....	do.....	do.....	1,286	6.00 ton..
Bar and sheet metal—				
Iron bars.....	San Francisco, Cal....	Seattle, Wash.....	910	3.00 ton..
Do.....	do.....	Tacoma, Wash.....	950	3.00 ton..
Do.....	San Diego, Cal.....	Seattle, Wash.....	1,286	5.00 ton..
Tin plate.....	San Francisco, Cal....	do.....	910	2.50 ton..
Do.....	do.....	Tacoma, Wash.....	950	2.50 ton..
Cement.....	Boston, Mass.....	Augusta, Me.....	156	.125 cwt.
Do.....	do.....	Bangor, Me.....	209	.125 cwt.
Do.....	do.....	New York, N. Y.....	337	.06 cwt..
Do.....	San Francisco, Cal....	Tacoma, Wash.....	950	1.50 ton..
Do.....	New York, N. Y.....	Galveston, Tex.....	2,000	.115 cwt.
Do.....	San Francisco, Cal....	Honolulu, Hawaii....	2,100	2.75 ton..
Brick.....	do.....	Tacoma, Wash.....	950	2.75 ton..
Do.....	Seattle, Wash.....	San Diego, Cal.....	1,286	4.00 ton..
Plaster.....	San Francisco, Cal....	Tacoma, Wash.....	950	1.50 ton..

¹ Includes 5 per cent primage.

by water in effect on Oct. 31, 1914—Continued.

In the foreign trade of the United States.							
Under United States registry.				Under foreign registry.			
From—	To—	Miles.	Rate and rate base.	From—	To—	Miles.	Rate and rate base.
				Boston, Mass..	Yarmouth, N. S.	240	\$0.125 cwt.
				Texas City, Tex.	Vera Cruz, Mexico.	615	.20 cwt.
				New Orleans, La.	do.	794	.20 cwt.
San Francisco, Cal.	Victoria, B. C.	850	\$3.00 ton.				
do.	Vancouver, B. C.	950	3.50 ton.				
San Diego, Cal.	do.	1,300	6.00 ton.				
				Boston, Mass..	Yarmouth, N. S.	240	.15 cwt.
Tacoma, Wash.	Vancouver, B. C.	160	.15 cwt.				
San Francisco, Cal.	do.	950	4.00 ton.				
				Boston, Mass..	Yarmouth, N. S.	240	.15 cwt.
San Francisco, Cal.	Vancouver, B. C.	950	4.00 ton.	do.	do.	240	.15 cwt.
do.	Victoria, B. C.	850	3.00 ton.				
do.	Vancouver, B. C.	950	3.50 ton.				
				Mobile, Ala.	Progreso, Mexico.	572	.30 cwt.
New York, N. Y.	Puerto Cabello, Venezuela.	2,076	1.25 cwt.				
San Francisco, Cal.	Victoria, B. C.	850	8.00 ton.				
do.	Vancouver, B. C.	950	8.50 ton.				
				Boston, Mass..	Yarmouth, N. S.	240	.15 cwt.
Vancouver, B. C.	San Diego, Cal.	1,300	5.00 ton.				
do.	do.	1,300	6.00 ton.				
do.	do.	1,300	7.00 ton.				
do.	do.	1,300	7.50 ton.				
San Francisco, Cal.	Victoria, B. C.	850	3.25 ton.				
do.	Vancouver, B. C.	950	3.75 ton.				
San Diego, Cal.	do.	1,300	6.50 ton.				
San Francisco, Cal.	Victoria, B. C.	850	3.50 ton.				
do.	Vancouver, B. C.	950	4.00 ton.				
Seattle, Wash.	do.	160	.15 cwt.				
				Boston, Mass..	Yarmouth, N. S.	240	.10 cwt.
Boston, Mass.	St. John, N. B.	350	.10 cwt.				
San Francisco, Cal.	Vancouver, B. C.	950	2.00 ton.				
New York, N. Y.	Puerto Cabello, Venezuela.	2,076	1.175 cwt.				
San Francisco, Cal.	Salina Cruz, Mexico.	2,189	4.00 ton.				
do.	Vancouver, B. C.	950	3.50 ton.				
Vancouver, B. C.	San Diego, Cal.	1,300	5.50 ton.				
San Francisco, Cal.	Vancouver, B. C.	950	2.00 ton.				

* Based on tariff rate per 40 cubic feet, this measure being considered equivalent to 1 ton.

Prevailing rates upon principal commodities carried

Commodities.	In the coastwise trade of the United States.			
	From—	To—	Miles.	Rate and rate base.
Manufactures—Continued.				
Plaster.....	Seattle, Wash.....	San Diego, Cal.....	1,286	\$3.00 ton..
Agricultural implements.....	San Francisco, Cal.....	do.....	453	.20 cwt..
Vehicles, n. o. s.....	do.....	Seattle, Wash.....	910	2.25 ton..
Do.....	do.....	Tacoma, Wash.....	950	2.25 ton..
Vehicles—				
Automobiles.....	Boston, Mass.....	Bangor, Me.....	209	.75 cwt..
Do.....	do.....	New York, N. Y.....	337	.24 cwt..
Do.....	Seattle, Wash.....	San Diego, Cal.....	1,286	36.80 ton..
Beer.....	San Francisco, Cal....	Seattle, Wash.....	910	3.50 ton..
Do.....	do.....	Tacoma, Wash.....	950	3.50 ton..
Brandy.....	San Diego, Cal.....	Seattle, Wash.....	1,286	3.50 ton..
Wine.....	San Francisco, Cal....	Tacoma, Wash.....	950	2.00 ton..
Household goods.....	Baltimore, Md.....	Newport News, Va....	187	.20 cwt..
Do.....	San Francisco, Cal....	Seattle, Wash.....	910	3.00 ton..
Do.....	do.....	Tacoma, Wash.....	950	3.00 ton..
Other manufactures—				
Brooms.....	do.....	Seattle, Wash.....	910	2.25 ton..
Do.....	do.....	Tacoma, Wash.....	950	2.25 ton..
Boots and shoes.....	Baltimore, Md.....	Savannah, Ga.....	629	.57 cwt..
Crockery.....	San Francisco, Cal....	Seattle, Wash.....	910	2.25 ton..
Do.....	do.....	Tacoma, Wash.....	950	2.25 ton..
Paraffin wax.....	New York, N. Y.....	Jacksonville, Fla.....	822	.20 cwt..
Soap.....	Boston, Mass.....	Norfolk, Va.....	532	.20 cwt..
Fertilizer.....	Baltimore, Md.....	Savannah, Ga.....	629	2.00 ton..
Do.....	San Francisco, Cal....	Tacoma, Wash.....	950	3.50 ton..
Do.....	Seattle, Wash.....	San Diego, Cal.....	1,286	5.00 ton..
Do.....	San Francisco, Cal....	Honolulu, Hawaii....	2,100	3.50 ton..
Gunpowder.....	do.....	Seattle, Wash.....	910	5.00 ton..
Do.....	do.....	Tacoma, Wash.....	950	5.00 ton..
Building paper.....	do.....	do.....	950	2.50 ton..
Do.....	Seattle, Wash.....	San Diego, Cal.....	1,286	5.00 ton..
Wrapping paper.....	Boston, Mass.....	Norfolk, Va.....	532	.18 cwt..
Merchandise and miscellaneous:				
Merchandise—				
Acid.....	San Francisco, Cal....	Tacoma, Wash.....	950	4.00 ton..
Ammonia.....	do.....	do.....	950	2.50 ton..
Bags, burlap.....	do.....	do.....	950	2.25 ton..
Do.....	Baltimore, Md.....	Newport News, Va....	187	.10 cwt..
Baking powder.....	Boston, Mass.....	Norfolk, Va.....	532	.20 cwt..
Bones.....	San Francisco, Cal....	Tacoma, Wash.....	950	4.00 ton..
Brooms.....	do.....	do.....	950	2.25 ton..

¹ Based on tariff rate per 100 pounds.

by water in effect on Oct. 31, 1914—Continued.

In the foreign trade of the United States.							
Under United States registry.				Under foreign registry.			
From—	To—	Miles.	Rate and rate base.	From—	To—	Miles.	Rate and rate base.
Vancouver, B. C.	San Diego, Cal.	1,300	\$4.50 ton.				
San Francisco, Cal.	Victoria, B. C.	850	3.00 ton.	Texas City, Tex.	Tampico, Mexico.	460	\$0.40 cwt.
do.	Vancouver, B. C.	950	3.50 ton.				
				Boston, Mass.	Yarmouth, N. S.	240	.75 cwt.
Boston, Mass.	St. John, N. B.	350	1.00 cwt.				
Vancouver, B. C.	San Diego, Cal.	1,300	46.80 ton.				
San Francisco, Cal.	Victoria, B. C.	850	3.75 ton.				
do.	Vancouver, B. C.	950	4.25 ton.				
San Diego, Cal.	do.	1,300	5.00 ton.				
San Francisco, Cal.	do.	950	3.50 ton.				
Tacoma, Wash.	do.	160	.35 cwt.				
San Francisco, Cal.	Victoria, B. C.	850	3.50 ton.				
do.	Vancouver, B. C.	950	4.00 ton.				
do.	Victoria, B. C.	850	2.75 ton.				
do.	Vancouver, B. C.	950	3.00 ton.				
				Mobile, Ala.	Progreso, Mexico.	572	.60 cwt.
San Francisco, Cal.	Victoria, B. C.	850	3.00 ton.				
do.	Vancouver, B. C.	950	3.50 ton.				
				New Orleans, La.	Vera Cruz, Mexico.	794	.21 cwt.
				Mobile, Ala.	Progreso, Mexico.	572	.35 cwt.
				do.	do.	572	1 4.00 ton.
San Francisco, Cal.	Vancouver, B. C.	950	4.00 ton.				
Vancouver, B. C.	San Diego, Cal.	1,300	6.50 ton.				
San Francisco, Cal.	Salina Cruz, Mexico.	2,189	6.00 ton.				
do.	Victoria, B. C.	850	8.00 ton.				
do.	Vancouver, B. C.	950	10.00 ton.				
do.	do.	950	2.50 ton.				
Vancouver, B. C.	San Diego, Cal.	1,300	6.50 ton.				
				Mobile, Ala.	Progreso, Mexico.	572	.35 cwt.
San Francisco, Cal.	Vancouver, B. C.	950	5.00 ton.				
do.	do.	950	5.00 ton.				
do.	do.	950	3.50 ton.				
Tacoma, Wash.	do.	160	.15 cwt.				
				Mobile, Ala.	Progreso, Mexico.	572	.50 cwt.
San Francisco, Cal.	Vancouver, B. C.	950	5.00 ton.				
do.	do.	950	3.00 ton.				

Prevailing rates upon principal commodities carried

Commodities.	In the coastwise trade of the United States.			
	From—	To—	Miles.	Rate and rate base.
Merchandise and miscellaneous—Continued.				
Merchandise—Continued.				
Coffee.....	San Francisco, Cal....	Tacoma, Wash.....	950	\$3.00 ton..
Do.....	San Juan, P. R.....	Mobile, Ala.....	2,657	.25 cwt..
Dry goods, n. o. s.....	Baltimore, Md.....	Savannah, Ga.....	629	.57 cwt..
Do.....	New York, N. Y.....	Galveston, Tex.....	2,000	.55 cwt..
General.....	Baltimore, Md.....	Newport News, Va....	187	² 3.20 ton..
Do.....	San Francisco, Cal....	Seattle, Wash.....	910	3.00 ton..
Do.....	do.....	Tacoma, Wash.....	950	3.00 ton..
Do.....	do.....	Honolulu, Hawaii....	2,100	3.50 ton..

¹ Based on tariff rate per 100 pounds.² Includes 5 per cent primage.

by water in effect on Oct. 31, 1914—Continued.

In the foreign trade of the United States.							
Under United States registry.				Under foreign registry.			
From—	To—	Miles.	Rate and rate base.	From—	To—	Miles.	Rate and rate base.
San Francisco, Cal.	Vancouver, B. C.	950	\$4.75 ton..	Vera Cruz, Mexico.	New Orleans, La.	794	\$4.00 ton.
Maracaibo, Venezuela.	New York, N. Y.	2,225	2.45 cwt..	Mobile, Ala...	Progreso, Mexico.	572	.75 cwt.
.....do.....	do.....	.....	.....	.....do.....	do.....	.....	.....
New York, N. Y.	Puerto Cabello, Venezuela.	2,076	3.40 cwt..	do.....	do.....	.....	.....
Tacoma, Wash.	Vancouver, B. C.	160	3.00 ton..	do.....	do.....	.....	.....
San Francisco, Cal.	Victoria, B. C.	850	4.00 ton..	do.....	do.....	.....	.....
.....do.....	Vancouver, B. C.	950	4.50 ton..	do.....	do.....	.....	.....
.....do.....	Salina Cruz, Mexico.	2,189	8.00 ton..	do.....	do.....	.....	.....

³ Based on tariff rate per cubic foot, this measure being considered equivalent to 50 pounds. Rate includes 5 per cent primage.

By the Commission.

[SEAL.]

GEORGE B. MCGINTY,
Secretary.

