

7.—Inactive Railroad Bonds, New York Stock Exchange.

Date and Price at Last Recorded Sale and Latest Bid and Asked Quotations.

INDEX No.	DESCRIPTION OF BONDS				Last Sale (Month indicates 1908)		Latest Quotation		INDEX No.	DESCRIPTION OF BONDS				Last Sale (Month indicates 1908)		Latest Quotation	
					Date	Price	Bid	Ask						Date	Price	Bid	Ask

In a table with the above, or an improved, heading there will be presented each month a carefully compiled record of transactions, etc., in the inactive bonds dealt in on the New York Stock Exchange. There are nearly 800 separate issues of inactive bonds.

Boston Stock Exchange.

The following are the most active stocks and bonds listed on the Boston Stock Exchange to be included in the Quotation Charts, showing range of prices by weeks.

<p><i>Railroads:</i></p> <p>Atchison, Topeka & S. Fe Boston & Albany Boston Elevated Boston & Lowell Boston & Maine Boston & Providence Chicago Junc. Rys. & U. S. Y. —do— preferred Fitchburg, pref. New York, N. H. & Hartford Old Colony Union Pacific —do— preferred West End Street —do— preferred</p> <p><i>Land:</i></p> <p>East Boston</p> <p><i>Telephone:</i></p> <p>Am. Teleph. & Teleg. Cumb. Teleph. & Teleg. Mexican Telephone New England Western Teleph. & Teleg.</p> <p><i>Mining:</i></p> <p>Adventure Con. Allouez Arcadian Arizona Comml. Anaconda Atlantic Butte Coa'n Calumet & Arizona Calumet & Hecla Centennial Cons. Mercur Gold Copper Range Daly-West Dominion Coal pref. Elm River Greene Cananea Franklin Guanajuato Consol. Granby Consol. La Salle Copper Mass Consolidated Mexican Cons. M. & S. Michigan Mohawk Montana Coal Nevada Consol. North Butte Old Dominion Osceola Parrot (Silver & Copper) Quincy Rhode Island Santa Fe (Gold & Copper) Shannon St. Mary's Superior Copper Tamarack Tennessee Copper Trinity Utah Copper Utah Consol. United Copper Victoria Winona Wolverine Wyandot</p> <p><i>Miscellaneous:</i></p> <p>American Pneumatic Service —do— preferred</p>	<p><i>Miscellaneous, Continued.</i></p> <p>Boston Suburban Electric Co. —do— preferred Boston & Worcester Electric Co. Edison Electric Illuminating Georgia Ry. & Electric General Electric Mass. Electric Cos. —do— preferred Massachusetts Gas —do— preferred Mergenthaler Linotype Reece Button Hole Seattle Electric, pref. The Pullman Co. Torrington, Class A Union Cop Land & Mfg. United Fruit Union Shoe Mach. Corp. —do— preferred United States Steel —do— preferred</p> <p><i>Unlisted Securities:</i></p> <p>Amer. Agric. Chemical —do— preferred Amalgamated Copper American Sugar —do— preferred American Woolen —do— preferred American Zinc Boston & Corbin Boston Consol. Copper Isle Royale (Copper) Newhouse M. & S. Swift & Co. U. S. Smelting Ref. & Min. —do— preferred U. S. Coal & Oil U. S. Oil rights</p> <p><i>Bonds:</i></p> <p>American Bell Telephone 4s Amer. Teleph. & Teleg. 4s Amer. Teleph. & Teleg. con 4s Amer. Tobacco 6s Central Vermont 4s Chicago, Burlington & Quincy Jt. 4s Chicago, Burlington & Quincy 4s Ill. General Electric con. 5s Kansas City, Ft. Scott & Memphis 6s Illinois Steel 5s, 1910 Illinois Steel 5s, 1913 Mexican Central 4s Mexican Central 1st in New York, New Haven & Hartford 3½s New York, New Haven & Hartford con 6s U. S. Steel Corp. 5s Western Teleph. & Teleg. 5s</p> <p style="text-align: center;">BOSTON CURB:</p> <p>Acme Consol. Ahmeek Amal. Nevada Argenta Arizpe Bry State Gas Beaver Carb Brentwood B. Columbia</p>	<p><i>Boston Curb, Continued.</i></p> <p>Bingham Mary Black Mountain Boston Ely Boswooco Butte Balaklala Butte & Superior Butte & London Bullfrog Mining In. Bullfrog Mining Cobalt Central Consol Arizona Cal & Sonora Consol SS 4s Chemung Cumberland Ely Davis Daly Dominion Copper Douglas Copper Eagle & Blue Bell East Butte El Para Ely Witch Eureka Eureka, pref. Foster Cobalt First National Geyser Giroux Consol. Globe Consol. Goldfield & Boston Goldfield Cons. Gold Flor. Gold King. Gold Prince. Greene Gold—Silver —do— preferred Hancock Hassayampa Helvetia Howell & Little Keweenaw Copper Kruger Copper & Silver Lake Copper Laramie Hahns Majestic Copper Majestic Copper 7s Mass Brewer McKinley—Dar. Micmac Gold Mexican Consol. Mines of America Nat. Min. & Ex. Nevada-Utah Nipissing North Butte Ex. Ojibway Old Dominion trust rets. Ohio Copper Palmer Mt. Penn Wyo. Pioneer M. & M. Rawhide Raven Mining Revenue Leas. Rosario Min. Rotary Ring. Santa Ysabel Seneca Shawmut Con. Shat & Arizona Silver Leaf Co. Silver Queen Submarine Sig. Superior & Boston Superior & Pittsburg Thunder Mt. Tonopah Troy Manhat. Union Copper Utah Apex Yukon Gold</p>
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Philadelphia Stock Exchange.

The following are the most active stocks and bonds listed on the Philadelphia Stock Exchange to be included in the Quotation Charts, showing range of prices by weeks.

<p><i>Bonds:</i></p> <p>Allegheny Valley 7s Atlantic City 5s Bethlehem Steel 6s Citizens St. of Indianap. 5s Choctaw & Memphis 5s Choctaw general 5s Consolidated Traction N. J. 5s Delaware & Bound Brook 3-30s Edison Electric 5s Electric & People's 4s Equitable Illuminating 1st 5s Hunt & Broad Top 1st 4s Indianapolis Street Ry 4s Interstate Rys. 4s Lake Superior Corp. 5s Lehigh Transit 1st 4s Lehigh Nav. 4½s, reg. 1914 Lehigh Valley ext. 4s —do— Annuity 6s —do— Rlys. 4½s, coupon. —do— Coal Co. 1st 5s —do— gen. cons. 4s New York, Phil. & Nf. 1st m 4s —do— inc. 4s Newark Pass 5s Northern Central Ry. cons. 4½s —do— 5s, series A North Penn. 1st 4s People's Pass 1st 4s Penna. & Maryland Suel 6s Penna. & New York Canal 5s Philadelphia & Erie 4s Phila. Electric Gold 5s —do— 4s Phila. Company cons. 5s —do— 1st 5s Phila. Wilm. & Balt. 4s 1921</p>	<p><i>Bonds, Continued</i></p> <p>Penna. Canal 6s Penna. gen. mtge 6s, reg. 1910 —do— 6s, coupon —do— 3½s, conv, 1915 Phila. & Reading cons 7s, coupon —do— extended 4s, 1937 —do— gen. mtge. 4s Schuylkill River East Side 4s Stuebenville & Indiana 5s Union Traction of Ind. 5s United Railways 4s United Railways Inv. col 5s United States Steel 5s Union Traction Pittsburg 5s Welsbach Co. collat. trust 5s West Penn. 4s West New York & Pa. 1st 5s West New York & Pa. 4s</p> <p style="text-align: center;"><i>Stocks:</i></p> <p>American Cement American Iron & Steel American Railways Bell Telephone Cambria Iron Cambria Steel Cons. Traction New Jersey Cons. Pittsburg pref. Catawissa, 1st pref. —do— 2d preferred Delaware & Bound Brook Electric of America Electric Storage Battery Fairmount Park Transportation General Asphalt, trust cdfs. —do— preferred Huntingdon & Broad Top. —do— preferred</p>	<p><i>Stocks, Continued.</i></p> <p>International Powder Insurance Co. of North America Keystone Telephone Lake Superior Lehigh Navigation —do— trust cdfs. Lehigh Valley Lit Brothers Little Schuylkill Marsden Minchill & Schuylkill Haven New Haven Iron & Steel Northern Central North Penna. New York, Phila. & Norfolk Penn. Traffic Philadelphia Company —do— preferred Philadelphia Rapid Transit Philadelphia Traction Pennysylvania Salt Penna. Steel —do— preferred Philadelphia Electric Pennsylvania R. R. Philadelphia & Erie Railways General Reading —do— 1st preferred —do— 2d preferred Tidewater Steel Tonopah Mining United Co. of New Jersey Union Traction Pittsburg, pref. Union Traction United Gas Improvement United States Steel —do— preferred Welsbach Westmoreland Coal Warwick Iron & Steel West Jersey & Seashore Wm. Cramp & Sons</p>
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Baltimore Stock Exchange.

The following are the most active stocks and bonds listed on the Baltimore Stock Exchange to be included in the Quotation Charts, showing range of prices by weeks.

<p><i>Steam Railway Stocks:</i></p> <p>Alabama Great Southern, ordinary —do— preferred Atlan'a & Charlotte Atlan'c Coast Line RR. Georg'a Southern & Florida —do— 1st preferred —do— 2d preferred Maryland & Pennsylvania Northern Central Seaboard Air Line —do— preferred Southern Ry. (Voting Trust) Southern Ry. preferred Western Maryland RR. West Virginia Central</p> <p><i>Street Railway Stocks:</i></p> <p>Atlanta Consolidated St. Ry. Charleston Cons. Ry., Gas and Elec. Knoxville Traction</p>	<p><i>Street Railway Stocks, Con-</i></p> <p>Lexington Street Ry. Macon Ry. & Light —do— preferred —do vof. trust cdfs. Maryland Electric Ry. Co. Newp'rt News & Old Pt. —do— preferred Norfolk & Ports. Traction Co. Norfolk Ry. & Light Norfolk St. RR. Co. Richmond Traction Co. United Rys. & Electric Co. common —do— trust receipts United Traction (Pittsburg) —do— preferred</p>	<p><i>Steam Railway Bonds, Continued.</i></p> <p>Atlanta & Charlotte extd. 4½s, 1910 Atlantic Coast Line 4s, 1922 Atlantic Coast Line new 4s, certs., irredeem Atlantic Coast Line of So. Carolina 4s, 1948 Atlantic & Danville 1st 4s, 1948 Baltimore & Cumberland Vy. RR. 1st 6s, 1929 Baltimore & Cumberland Vy. Ry. 1st 6s, 1929 Baltimore & Cumberland Ext. 1st 6s, 1931 Baltimore & Harrisburg 1st 5s, 1936 Baltimore & Harrisburg West, Ext. 5s, 1938 Baltimore & Potomac Main Line 6s, 1911</p>
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Baltimore Stock Exchange.—Continued.

<i>Steam Railway Bonds, Con- tinued.</i>	<i>Steam Railway Bonds, Con- tinued.</i>	<i>Street Railway Bonds, Con- tinued.</i>
Baltimore & Potomac Tunnel 6s, 1911	Western Maryland gen. lien and conv. gold 4s, 1952	United Traction 5s (Pittsburg) 1997
Carolina Central 4s, 1920	West Virginia Central 6s, 1911	<i>Miscellaneous Securities:</i>
Charleston & Western Carolina 5s, 1946	Western North Carolina 6s, 1914	Alabama Consol. Coal & Iron 5s, 1933
Charlotte, Columbia & Aug. ext. 5s, 1909	Wilmington, Columbia & Augusta 6s, 1910	American Caramel Co. —do—preferred
—do—sec., 7s, 1910	Wilmington & Weldon gen. mort. 4s, 1935	American District Tel. Co. stock
Coal & Coke Railway 5s, 1920	—do—5s, 1935	Atlantic Coast Line of Conn. stock
Coal & Iron Ry. 5s, 1920	<i>Street Railway Bonds:</i>	Atlantic Coast Line of Conn. 4s, cfs.
Columbia & Greenville 6s, 1916	Atlanta Consolidated Street Ry. 5s, 1921	Atlantic Coast Line of Conn. 5s, cfs.
East Tenn. Reorg. Lien 4-5s, 1938	Anacostia and Potomac 5s, 1949	Atlantic Coast Line of Conn. 5-20 yr. 4s, 1925
Georgia & Alabama consol. 5s, 1945	Augusta Ry. and Electric 5s, 1946	Baltimore Dredging Co. stock
Georgia, Carolina & No. 5s, 1929	Baltimore City Passenger 5s, 1911	Brush Electric common —do—preferred
Georgia Pacific first 5s, 1922	—do—4½s, 1911	Brush Electric 1st 5s, 1910
Georgia Southern & Florida 5s, 1945	Balto. Catonsv'e & Ellicotts Mills 5s, 1916	Canton Company stock
Macon, Dublin & Savannah 5s, 1947	Balto., Sparrows Pt. & Ches. 4½s, 1953	Chesapeake & Ohio Canal 6s, 1885
Maryland & Pennsylvania 1st 4s, 1951	—do—conv. 5s, 1906	Comas Cigarette Machine common
—do—4s, 1941	—do—No. Balto. Div. 5s, 1942	—do—preferred
Maryland & Pa. Terminal Ry. 5s, 1936	—do—Central Passenger, 6s, 1912	Consolidation Coal refund. 4½s, 1934
Norfolk & Carolina 1st 5s, 1939	—do—5s, 1932	Consolidated Cotton Duck common
—do—2d 5s, 1946	—do—ext. and imp. 5s, 1932	—do—preferred
Northern Central 4½s, 1925	Charleston City Ry. 5s, 1923	Frederick Turnpike Company G.-B.-S. common
—do—5s, series A, 1926	Charleston Cons. Ry., Gas & Elec. 5s, 1909	G.-B.-S., first 4s, 1951
—do—5s, series B, 1926	Citizens' Ry., Lt. & Pow. 5s of N. N. 1940	G.-B.-S. incomes, 1951
Petersburg 5s, class A, 1926	City & Suburban 5s (Balto.) 1922	Houston Oil Company common —do—preferred
—do—6s, class B, 1928	City & Suburban 5s (Washn.) 1940	Maryland Steel Company 5s, 1922
Piedmont & Cumberland 1st 5s, 1911	Knoxville Traction 5s, 1928	Maryland Telephone 5s, 1929
Potomac Valley 5s, 1941	Lake Roland Elevated 5s, 1942	—do—gen. mtge. 5s
Raleigh & Augusta 6s, 1926	Lexington-Railway 5s, 1941	Merchants and Mechanics' P. B. and L. Co.
Raleigh & Gaston 5s, 1947	Macon Ry. & Light 5s, 1953	Merchants and Miners' Trans. Co. trust rec.
Raleigh & Southport 5s, 1965	Memphis St. Ry. 5s, 1945	Mt. Vernon-Woodb'y Cot. Duck 1st 5s, 1949
Richmond & Danville gold 6s, 1915	Metropolitan Street Ry. 5s, (D. C.) 1925	Philadelphia Company common —do—preferred
Savannah, Florida & Western 6s, 1934	Montgomery Term. 6s, 1920	Philadelphia Company 1st 5s, 1949
—do—5s, 1934	Newport News and Old Point 5s, 1938	Reisterstown Turnpike Seaboard Company, new
Seaboard & Roanoke 5s, 1916	—do—gen. 5s, 1941	Seaboard Company, new, 1st preferred
—do—6s, 1916	Norfolk & Ports. Trac. Co. 5s, 1936	Seaboard Company, 2d preferred
Seaboard Air Line 1st 4s, 1950	Norfolk Ry. and Light 5s, 1949	United Electric Light and Power 4½s, 1929
—do—10-yr. 5s, 1911	Norfolk Street Ry. 5s, 1944	
—do—3-yr. 5s, 1911	Richmond Traction 5s, 1925	
South Bound 5s, 1941	Second Ave. Traction 5s (Pittsburg) 1934	
Southern Ry. consol. 5s, 1994	United Rys. & Elec. Co. first 4s, 1919	
Virginia Midland 2d 6s, 1911	—do—incomes 1949	
—do—3d 6s, 1916	—do—fund, 5s, 1936	
—do—4th 3-4-5s, 1921		
—do—5th 5s, 1926		
—do—gen. mtge., 1936		
Western Maryland new 4s, 1952		

Chicago Stock Exchange.

The following are the most important stocks and bonds listed on the Chicago Stock Exchange and which will be included in the Quotation Charts, showing range of prices by weeks.

<i>Stocks:</i>	<i>Stocks, Continued.</i>	<i>Stocks, Continued.</i>
American Can. —do—preferred	Diamond Match	Street's Stable Car —do—preferred
American Shipbuilding Booth & Co. —do—preferred	Illinois Brick	Swift & Co.
Commonwealth Edison Canal and Dock	Kan. City Ry. & Light —do—preferred	United Boxboard —do—preferred
Chicago Pneumatic Tool	Metropolitan L. pref.	West Chicago receipts
Chicago Subway	National Biscuit —do—preferred	<i>Bonds:</i>
Chicago Telephone	National Carbon —do—preferred	Cass Avenue 5s
Chicago Title & Trust	Northwestern L. pref.	Chicago City Ry. 5s
Chicago Union Trac. receipts	Quaker Oats —do—preferred	Chicago Gas 5s
—do—preferred receipts	Sears-Roebuck —do—preferred	Chicago Pneumatic Tool 5s
Chicago & Oak Park Elev.	South Side Elev.	Chicago Rys. col. 6s
		Chicago Rys. con. 4s B
		Chicago Ry. con. 4s A

Chicago Stock Exchange.—Continued.

<i>Bonds, Continued.</i>	<i>Bonds, Continued.</i>	<i>Bonds, Continued.</i>
Chicago Rys. 5s	Consumers' Gas 5s	Ogden Gas 5s
Chicago Edison deb. 5s	Metropolitan Elev. gold 4s	South Side L 4½s
—do—deb. 6s	—do—ext. 4s	Swift & Co. 5s
Commonwealth Electric 5s	Northwestern Elev. 4s	West Chicago con. 5s recpts.

Pittsburg Stock Exchange.

The following are the most important stocks and bonds listed on the Pittsburg Stock Exchange and which will be included in the Quotation Charts, showing range of prices by weeks.

<i>Stocks:</i>	<i>Stocks, Continued.</i>	<i>Pittsburg Curb:</i>
Amalgamated Copper. Cable Consolidated Cent. Dist. & Printing Tel. Co. Crucible Steel —do—preferred	Pittsburg Consolidated Pittsburg Plate Glass River Coal —do—preferred	Kansas Natural Gas Union Natural Gas Fayette County Gas Pure Oil Wichita Natural Gas Co. Mt. Elliott
Fire Proof —do—preferred	Standard Und. Cable Tonopah Extension	Pittsburg Lead Mining J. B. Sipe Mining Co.
Harbison-Walker Refrac. —do—preferred	United States Steel —do—preferred	Pure Oil pref. Pure Oil Producing Pbg. & Butler Street Ry.
Independence Brewing —do—preferred	West Penn. —do—preferred	Golden Anchor Mining Co. Carnegie Coal
Interior Mining Manufs. Light & Heat Marsden Mt. Tritle Copper Ohio Fuel Peoples Pipeage	West. Air Brake West. Electric 2ds	Black Hills Copper (Ariz.) Trade Dollar
Pittsburg Brewing —do—preferred	<i>Bonds:</i>	Pittsburg Silver Peak Lustre M. & S. Co. San Toy
Pittsburg Coal —do—preferred	Harbison-Walker Refrac. 5s Pittsburg Brewing 6s West Penn. 5s	Resting Springs Bradburn M. Co.

Cleveland Stock Exchange.

The following are the most important stocks and bonds listed on the Cleveland Stock Exchange and which will be included in the Quotation Charts, showing range of prices by weeks.

<i>Stocks:</i>	<i>Stocks, Continued.</i>	<i>Bonds, Continued.</i>
Aurora, Elgin & Chicago R.R. —do—preferred	Am. Shipbuilding Co. pref. C. & S. Brewing Co. —do—preferred	W., B. & A. 1st 5s B. P. cfs. —do—2d 5s Cleve. & San. Brew. Co. 1st mtge., gold 6s
Cleveland Electric Ry. Cleveland Ry. No. O. Trac. & Light Co. Cuyahoga Tel. Co.	C. & B. Transit Co. Kansas City Breweries	Kansas City Brewing 6s Stark-Tusc. Brew. 6s Cuyahoga Telephone 5s
W. B. & A. St. Pg. cfs. American Shipbuilding Co.	<i>Bonds:</i>	United States Telephone 5s
	Aurora, Elgin & Chicago 5s N. O. Tr. & Lt. Co. 4s	

New Orleans Stock Exchange.

The following are the most important stocks and bonds listed on the New Orleans Stock Exchange and which will be included in the Quotation Charts, showing range of prices by weeks.

<i>City Railroad Stocks:</i>	<i>Miscellaneous Stocks, Continued.</i>	<i>Railroad Bonds, Continued.</i>
American Cities Ry. —do—preferred	N. O. Brewing Co. pref.	N. O. City and Lake R.R. 1st mtge. (gold)
Little Rock Ry. & Light Co. Com. —do—preferred	N. O. Dry Dock and Shipbuilding Co. N. O. Land Co.	N. O. City R.R. gen. mtge. (gold)
Memphis Street Ry. Co. —do—preferred	N. O. Real Estate Mtge. & Sec. Co.	N. O. Carrollton R.R. 5s (gold)
Nashville Ry. & Light Co. —do—preferred	Suburban Realty Co., Ltd.	N. O. Railway & Light Co. Orleans R.R. 1st mtge. (gold)
N. O. Railway & Light Co. —do—preferred	<i>Irregular List:</i>	St. Charles Street Ry. mtge.
	N. O. Cotton Exchange	
<i>Miscellaneous Stocks:</i>	<i>Railroad Bonds:</i>	<i>Miscellaneous Bonds:</i>
Birmingham Ry., Light & Power Co., gen. mtge. ref.	Canal and Claiborne R.R. 1st mtge. (gold)	Edison 1st mtge. 5s (gold)
Cumberland Tel. & Tel. Co. D. H. Holmes Co., Ltd.	Little Rock Ry. and Electric Co. (gold)	Lane Mills mtge. (gold)
Friscoville Realty Co. Maison Blanche, Ltd.	Nashville Ry. and Light Co. (5-50)	Memphis Railway 5s N. O. Real Estate Mtge. & Sec. Co. bonds
National Realty Co., Ltd.		Harvey Canal Land & Imp. Co. fs

EACH MONTHLY EDITION OF THIS PUBLICATION

Will contain the Following Standard Features in the form shown in the sample pages: (The numbers preceding description refer to the order in which the Sample Sections appear in the within pages.)

- 1—Daily Bulletin of Meetings, Dividend Declarations and Payments, Closing and Opening of Stock Transfer Books.
- 2—List of Annual Meetings to be held in Ensuing Month, and other particulars.
- 3—List of Dividends usually paid in ensuing Month, and other particulars.
- 4 { Stock Quotation Charts, in Sections, covering (1) Stocks and Bonds Listed on the New York Stock Exchange; (2) Stocks and Bonds dealt in on the New York Curb; (3) Inactive Bonds, New York Stock Exchange; (4) Stocks and Bonds dealt in on the Boston, Philadelphia, Baltimore, Pittsburgh, Chicago, Cleveland and New Orleans Stock Exchanges; (5) Stocks and Bonds sold by auction, New York and Boston, etc., etc.
- 7 {
- 8—Course of the New York Stock Market by days of week—20 Active Stocks—for a period of three or more months in each monthly issue.
- 10—Gross and Net Earnings of Leading Steam Railroad and other Companies, by Months, Quarters, and Other Periods for a series of years.
- 12—Dividends (rate per cent.) paid by Leading Railroad and Other Companies during the month of date of BULLETIN, for a series of years previously, with range of prices of Stocks in same month.

What the Semi-Annual Supplements will contain.

In addition to the regular monthly issue, the proposed contents of which are outlined above, there will be issued three Special Semi-Annual Supplements which may be described respectively as the Steam Railroad Supplement, the Electric Railway Supplement and the Industrial and Miscellaneous Supplement.

The contents of these several Special Supplements, each of which will be issued twice a year at semi-annual intervals, may be judged by an examination of the Sample Sections of the following important tables, which will form the main features of each Semi-Annual Steam Railroad Supplement. (The numbers preceding description refer to the order in which the Sample Sections appear in the within pages.)

- 9—Alphabetical List of all Companies showing Share Capital, Annual Meetings, etc., etc., as shown in sample, covering for Steam Railroads almost 2,500 companies.
- 10—Capitalization, Earnings, Net Income, etc., covering about 700 steam railroads.
- 11—Meany's Simplified Quick Reference Bond List, covering about 2,500 separate steam railroad bonds.
- 13—Dividends paid by Steam Railroads, 1902 to 1908 inclusive, covering about 500 companies.
- 15—Dividends paid by Leading Steam Railroads for a series of years, covering about 100 companies.

The Cable-Telegraph Code supplied with each of the tables in these Supplements is alone worth the annual subscription price. No existing Code covers the stocks and bonds of the railroad and other corporations of this and adjoining countries with even the semblance of the completeness here shown.

The foregoing description of the chief features of the Special Supplement Covering Data relating to Steam Railroad Corporations may be taken as likewise indicating the scope of the other supplements, that will be issued separate therefrom, but at *convenient intervals*.

Each of these supplements will be issued twice a year at six-months intervals. Single copies of each Monthly with Special Supplement will be sold at \$3.00 for Steam Railroad Special and \$2.00 each for other Specials. Single copy of the Monthly Bulletin without supplement, 25 cents. Annual Subscription Rates:

- | | |
|--|---------------|
| 1— INVESTORS BULLETIN AND CHRONICLE , without Special Supplements (12 issues.) | \$3.00 |
| 2— INVESTORS BULLETIN AND CHRONICLE , Combining, Special Supplements, Described Above, Covering Twelve Monthly Auxiliaries and <i>One Issue</i> of Each Special Supplement, to wit: Steam Railroad Supplement; Electric Railway Supplement and Industrial Supplement | 6.00 |
| 3— INVESTORS BULLETIN AND CHRONICLE , Combining Special Supplements, Described Above, Covering Twelve Monthly Auxiliaries and <i>Two Semi-Annual Issues</i> of Each Special Supplement, to wit: Steam Railroad Supplement, Electric Railway Supplement and Industrial Supplement. | 7.50 |



AMERICAN INVESTMENT CORPORATION REPORTS

Comprehensively
Summarized in

Steam Railroads
Electric Railroads
and other
Public Utilities



Miscellaneous
Industrial and
Affiliated
Enterprises

IMPORTANT ORIGINAL FEATURES:—Concise Historical Reviews; Comprehensive Bond Exhibits with Specially Designed Maps; Elaborate Statistical Analyses; Monthly Supplements, including Special Semi-Annual Numbers.

THE ACME OF SCIENTIFIC SPECIALIZATION

Embodying (1) The skillful assembling of railroad and other statistics and their presentation in comprehensive groupings—collectively as well as individually; (2) The alert watchfulness that ever makes past achievements seem incomplete; (3) The conscientious acumen that scrutinizes with equal care the important and the insignificant, and (4) The eternal vigilance that is the sole guarantee of the proper execution of plans carefully prepared.

¶ An examination of the following description will, it is believed, convey an appreciable idea of the thoroughness of investigation and comprehensiveness of scope of the enterprise:

Size of Page—Paper, 9x11½ inches; of printed page, 7½ x 10¼ inches, (corresponding in length and width to the size of this circular).

Number of Pages—From 4 to 16 or more, according to the company covered.

General Features—Complete reviews of corporate and financial histories, appropriately indexed, etc.; tabular statements of progress of construction, increase of mileage operated, etc.; statistical exhibits of passenger and freight traffic operations and the financial results therefrom; analyses of operating expenses, income accounts and general balances for a series of years; and an elaborate series of

Bond Statements, covering to the minutest detail all points of information called for by bankers, brokers, investors, trustees, fiduciary institutions, etc., etc., with

Maps according to original designs showing the lines of railroad covered by each underlying and divisional mortgage. (*Nowhere else can maps such as these be found.*)

Uniformity of Statements—An important feature of these monographs is that the statistical and analytical exhibits for every company of the same class (i. e. Steam Railroads, Street Railroads, Industrial and other) will be prepared on identical lines, thereby rendering easy, even for the uninitiated, a comparison of one company's statistics or results with those

of others in the same or contiguous, or even distant territory, for the reason that as

Each Statement or Monograph will be separate from and independent of all others, secured in a binder that will permit of its easy removal and replacement, two or more Abstracts may be spread before oneself for examination and critical comparison.

Time of Publication—Simultaneous with or immediately following issuance by each company of its report, in other words as soon as "released."

Terms of Subscription—A schedule of rates has been prepared based upon subscriptions for Abstracts of ten or more corporations (copies mailed to any address on request). Under the plan proposed

Subscribers for ten copies or more will be sent, from time to time, within the period of their subscriptions, supplementary sheets, or if necessary, entirely revised Abstracts containing all the latest official statistics or information respecting new issues of securities or other important events that may occur subsequent to the publication of the Abstract then on file. In that way subscriber's files will always be up to date. Furthermore, through the medium of

Meany's Bureau of Information, subscribers may, at any time, call for special information relating to any of the corporations included in their several subscriptions and prompt attention will be given to every reasonable request.

JNO. P. MEANY, Editor and Publisher

15 WILLIAM STREET

NEW YORK

MEMORANDUM

CLEVELAND, Jan. 22, 1909.


Mr. Wm. G. Mather, President,
Office.

Dear Sir:

Please note the attached papers in reference to a request from the office of the United States Engineer at Milwaukee, requesting certain information regarding our boats. I referred the matter to Mr. Andrews and next attached you will find his reply. While Mr. Andrews sees no serious objections to answering all the questions, except number 8, the latter part of his letter would indicate that he thinks we better side-step the matter. Please advise me your wishes as to whether we shall give to the government the information wanted, ^{except #8} and, if so, I will have the figures made up and submitted to you.

R. C. M.

RCM:TCJ



James H. Hoyt
Alton C. Dustin
Herman A. Kelley
Homer H. McKeenan
Horace Andrews
Gustav von den Steinen
Walter C. Merrick
William B. Stewart
George W. Cottrell
Julian W. Tyler
Richard Inglis

Law Offices of
Hoyt, Dustin, Kelley, McKeenan & Andrews
Western Reserve Building
Cleveland January 21, 1909.

RECEIVED

JAN 22 1909

ACK. _____ ANS. _____

Mr. R. C. Mann,

Auditor, Cleveland-Cliffs Iron Company,
Rockefeller Bldg., City.

Dear Mr. Mann:-

I received your letter of January 18th, inclosing letter and request from Mr. E. M. Nisen, Inspector, of U. S. Engineer's office, Milwaukee, Wis., and note that you desire to know whether it is proper that you comply with the request for certain information as to the cost of transportation on the Lakes.

On examining the form of request I should say that except the eight question, I can see no serious objection to your answering the questions put.

As to the eight question, namely: the total cost of carriers, (boats referred to), - I should omit that entirely.

You will observe that this request is addressed to the Cleveland-Cliffs Iron Company. Inasmuch as the Cleveland-Cliffs Iron Company is not the owner of any boats, I should state that you own no boats, but have certain stock interests in other companies which do.

I return herewith the inclosures contained in your letter.

Very truly yours,

Horace Andrews

RECEIVED

JAN 18 1909

January 16, 1909.

Ack. _____ Ans. _____

Mr. R. C. Mann,
Auditor.

I would respectfully refer to your department the enclosed letter and blank from the U.S. Engineer Office at Milwaukee, for report on "Season's Expense Account for Lake Freighters." I think you have much to do with the Government in the way of these reports.

J. H. Sheadle,
Secretary.

In filling out the blanks it is preferred that one or more of your carriers which were on a fixed route for the season. In case no carrier was on a fixed route, fill out the blank, supplying the necessary explanations in the "Remarks." In cases where exact figures cannot be quoted, close estimations are desired.

All information received is confidential, and is to be used only for the comparison of the same with other reports. An early reply and your co-operation in this matter will be greatly appreciated.

Very respectfully yours,

J. H. Sheadle
Inspector.

(2 incs.)

WAR DEPARTMENT.

United States Engineer Office,

RIVER AND HARBOR IMPROVEMENTS, WESTERN SHORE OF LAKE MICHIGAN,
NORTH OF CHICAGO, ILLINOIS, AND FOX RIVER, WISCONSIN.
ROOM No. 406 CUSTOM HOUSE.

R

MILWAUKEE, WIS.

January 12, 1909.

Cleveland Cliffs Iron Co.,
Cleveland, Ohio.

RECEIVED

JAN 14 1909

ACK. _____ Ans. _____

Gentlemen:

At the instance of Major W. V. Judson who is investigating the cost of transportation on canals and narrow waterways as compared with that on the open lakes, will you kindly fill out the inclosed blanks, "Season's Expense Account for Lake Freighters," and return as soon as possible?

In filling out the blanks it is preferred that you select one or more of your carriers which were on a fixed route for the season. In case no carrier was on a fixed route, fill out the blank, supplying the necessary explanations in the "Remarks." In cases where exact figures cannot be quoted, close estimations are desired.

All information received is confidential, and is to be used only for the comparison of the above mentioned rates. An early reply and your co-operation in this matter will be greatly appreciated.

Very respectfully yours,

E. M. Hisen.

Inspector.

(2 incs.)

SEASON'S EXPENSE ACCOUNT FOR LAKE FREIGHTERS.

W

Copy

Season 1907
 (1907 or 1908 preferred.)

1. Carriers; Average of 3.
 (State No. for which expenses are given)
2. Total carrying capacity per trip, one way; Average 10,000 Gross Tons.
 (State whether net or gross tons)
3. Average length of trip, one way; Average 10 days round trip.
 (State between what ports)
4. Number of trips: Average 21 round trips
 (one way constitutes a trip)
5. No. of trips loaded: 21 6.-No. of trips light: 21
7. Length of season: Average 215 days.
 (No. of days active service)
8. Total cost of carriers: _____
 (First cost only)
9. Principal freight carried: Iron Ore.
 (Grain, ore, coal, etc.)
10. Average freight rate for season:
 On grain: None carried.
 On coal: None carried.
 On ore: 75% per gross ton from Duluth.
70% per gross ton from Marquette.

11. Does the above rate include the cost of unloading? Yes.
12. What was the average cost of unloading? 20% per gross ton.
13. What is the annual insurance on carriers? \$ 13096.58. (Average)
 (Give cost per ton, per bu.)
14. What was the total amount of insurance on cargoes? Average \$ 730.67.
15. Total annual expense:
 (a) Wages and subsistence: Average \$ 18068.68.
 (b) Fuel, oil, waste, etc.: Average \$ 13936.22.
 (c) Ordinary repairs: Average \$ 1241.22
 (d) Miscellaneous: Average \$ 57745.39
 (Include winter expenses)
 (e) Port charges, if any: Average \$ 1314.82.
 (Total cost for towing only) _____
 Total expenses - - -
16. What proportion of the active season does a freighter ordinarily spend
 in port? Average 35%
 (Estimate)

REMARKS: Referring to #3, the days on round trip are given because the
up trips are made going light.
Referring to #15-C. Ordinary Repairs - These figures apply to 3 new boats.
Repairs increase each year as boats grow older.

Signed: Grand Island Steamship Co
 My J. H. Headle Secy

MHW

Fill in in rule for
M Manns Signature

9/10/08

MHW

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

CONSUMPTION OF WOOD FOR FUEL, 1908

Washington, D. C., August 1, 1908.

Dear Sir :

The decreasing timber supply in the United States renders it highly desirable that accurate information be secured upon the annual drain upon our forests. We know fairly well the extent of the wood consumption of the nation, except for fuel and domestic purposes. No satisfactory data upon these items are in existence, and it is extremely difficult to estimate them. It will greatly assist in the compilation of this important information if you will kindly answer to the best of your ability the questions asked below and RETURN THIS CARD in the inclosed envelope without postage. All replies will be held confidential, and the published totals will not reveal the names or locations of the reporting firms. Please reply as promptly as possible.

Very truly yours,

GIFFORD PINCHOT,

Forester.

Name of operator

Office address

Kind of mineral product

How many cords of wood do you estimate are used annually for fuel in your operation? _____ cords.

What is the average value per cord of this wood, delivered? _____ dollars.

Date

(Signature of the person furnishing information),

Covers 3 furnaces for 1909

The Cleveland Cliffs Co.
Rockefeller Bldg.
Cleveland Ohio
Ore - & Pig Iron

9/11/08.

RCM Auditor

1 Furnace -

Used in making Charcoal -

cts
59618

Bought 908.875 bu Charcoal
which est. @ 44¹/₂ bushel
per cd. - (#170 avg yield)

20610

Total Cords for #1 Furnace
on production of 38762

80228

Ins. Pignum -

#2 Furnace -

Used in making Charcoal

cts -
85600

P.D. Production = 38762 Ins.

Carp Furnace

Used in making Charcoal

cts -
24339

Bought 162.997 bu Charcoal
which est @ 44¹/₂ bushel
per cord - (Carp's avg yield) =

6888

P.D. Production = 13844.

31227

Total Cts - 3 furnaces -

197055

This blank is printed in copying ink for manufacturers who may desire to copy it in their letter books.

[STRICTLY CONFIDENTIAL.]

No. 416

Please fill out this blank and return it as soon as possible to The American Iron and Steel Association, No. 261 South Fourth Street, Philadelphia.

PRODUCTION OF PIG IRON IN 1908.

FOR THE YEAR ENDED DECEMBER 31, 1908.

Name of Furnace or Furnaces Pioneer Furnace No. 2
Name of Owners or Lessees Pioneer Iron Co
Post Office, County, and State Cleveland, Ohio

STACKS.

Number of completed Furnace Stacks one | Stacks building December 31, 1908 None
Stacks in blast December 31, 1908 one | Stacks rebuilding December 31, 1908 None
Stacks out of blast December 31, 1908 None | Stacks relining December 31, 1908 None

STACKS IN BLAST—How many DAYS in the LAST HALF of 1908 was each furnace in blast?

68 1/2 days

IDLE STACKS, INCLUDING BANKED STACKS—Date when STACKS IDLE or BANKED on December 31, 1908, may be blown in None

ABANDONED STACKS—Number of STACKS IDLE on December 31, 1908 that will NEVER AGAIN MAKE PIG IRON. (If more than one Stack give name or No. of Stack) None

BUILDING STACKS—Date when STACKS BUILDING on December 31, 1908 will probably be completed

REBUILDING STACKS—Date when you expect to have each Stack which was BEING REBUILT on December 31, 1908, ready for blast. (If more than one Stack give name or No. of Stack) None

RELINING STACKS—Date when you expect to have each Stack which was BEING RELINED on December 31, 1908, ready for blast. (If more than one Stack give name or No. of Stack) None

PROJECTED STACKS—If you contemplate erecting any NEW STACKS in 1909 please give the number to be built, the size of each Stack, and the date when you expect to commence work upon each Stack None

FUEL USED.

Kind of Fuel used in the WHOLE YEAR 1908 Charcoal alone

Please state whether you used all coke, all raw bituminous coal, coke and raw coal mixed, all anthracite coal, anthracite coal and coke mixed, charcoal and coke mixed, charcoal alone, or electricity.

IRON ORE USED—GROSS TONS.

GROSS TONS.

How many tons of IRON ORE did you consume in your furnaces in 1908? 42039 - 290

LIMESTONE—GROSS TONS.

GROSS TONS.

How many tons of LIMESTONE did you QUARRY in the WHOLE YEAR 1908? None

How many tons of LIMESTONE did you CONSUME in your Furnaces in 1908? 1368

If you can not conveniently give exact figures of the limestone quarried or consumed a CLOSE ESTIMATE will answer.

PIG IRON MADE—GROSS TONS.

KINDS OF PIG IRON.	GROSS TONS.
TOTAL PRODUCTION of PIG IRON in the WHOLE YEAR 1908, INCLUDING Spiegel-eisen. Ferro-manganese, Ferro-phosphorus, Ferro-silicon, Bessemer Ferro-silicon, Castings made direct from the Furnace, etc	20083
If the furnace changed hands during this time please estimate the quantity of pig iron produced by the previous operators.	
How much of the TOTAL PRODUCTION in the WHOLE YEAR 1908 was—	
BESSEMER PIG IRON? (from 0.04 to 0.10 per cent. in Phosphorus)	
LOW-PHOSPHORUS PIG IRON? (below 0.04 per cent. in Phosphorus)	
MALLEABLE BESSEMER PIG IRON?	
BASIC PIG IRON? <u>None Bessemer</u>	20083
FOUNDRY PIG IRON?	
FORGE or MILL PIG IRON?	
FERRO-MANGANESE?	
SPIEGELEISEN?	
FERRO-PHOSPHORUS?	
FERRO-SILICON? (7 per cent. and over in Silicon)	
BESSEMER FERRO-SILICON? (0.10 per cent. and under in Phosphorus and 7 per cent. and over in Silicon)	
WHITE and MOTTLED and other miscellaneous grades of PIG IRON and CASTINGS made direct from the Furnace?	

IDLE FURNACES.

If you made no pig iron at all in the WHOLE of 1908 please so state.

REMARKS.

Please enumerate below any blast furnaces, rolling mills, steel works, tinplate or terre plate works, and forges or bloomaries which are projected or are being built in your vicinity. Also note any old plants of this character that have been recently abandoned or dismantled. If you are now making or intend making any changes in the equipment of your works please give full particulars below.

Signature, [Handwritten Signature]

This blank is printed in copying ink for manufacturers who may desire to copy it in their letter books.

[STRICTLY CONFIDENTIAL.]

No. 41a

Please fill out this blank and return it as soon as possible to The American Iron and Steel Association, No. 261 South Fourth Street, Philadelphia.

PRODUCTION OF PIG IRON IN 1908.

FOR THE YEAR ENDED DECEMBER 31, 1908.

Name of Furnace or Furnaces Barfey
Name of Owners or Lessees Pioneer Iron Co
Post Office, County, and State Chesland Ohio

STACKS.

Number of completed Furnace Stacks 1 | Stacks building December 31, 1908 none
Stacks in blast December 31, 1908 none | Stacks rebuilding December 31, 1908 none
Stacks out of blast December 31, 1908 1 | Stacks relining December 31, 1908 none

STACKS IN BLAST—How many DAYS in the LAST HALF of 1908 was each furnace in blast?

not in blast during entire year

IDLE STACKS, INCLUDING BANKED STACKS—Date when STACKS IDLE or BANKED on December 31, 1908, may be blown in none

ABANDONED STACKS—Number of STACKS IDLE on December 31, 1908, that will NEVER AGAIN MAKE PIG IRON. (If more than one Stack give name or No. of Stack) none

BUILDING STACKS—Date when STACKS BUILDING on December 31, 1908, will probably be completed none

REBUILDING STACKS—Date when you expect to have each Stack which was BEING REBUILT on December 31, 1908, ready for blast. (If more than one Stack give name or No. of Stack) none

RELINING STACKS—Date when you expect to have each Stack which was BEING RELINED on December 31, 1908, ready for blast. (If more than one Stack give name or No. of Stack) none

PROJECTED STACKS—If you contemplate erecting any NEW STACKS in 1909 please give the number to be built, the size of each Stack, and the date when you expect to commence work upon each Stack none

FUEL USED.

Kind of Fuel used in the WHOLE YEAR 1908 none

Please state whether you used all coke, all raw bituminous coal, coke and raw coal mixed, all anthracite coal, anthracite coal and coke mixed, charcoal and coke mixed, charcoal alone, or electricity.

IRON ORE USED—GROSS TONS.

GROSS TONS.

How many tons of IRON ORE did you consume in your furnaces in 1908?..... *None*

LIMESTONE—GROSS TONS.

GROSS TONS.

How many tons of LIMESTONE did you QUARRY in the WHOLE YEAR 1908?..... *None*

How many tons of LIMESTONE did you CONSUME in your Furnaces in 1908?..... *None*

If you can not conveniently give exact figures of the limestone quarried or consumed a CLOSE ESTIMATE will answer.

PIG IRON MADE—GROSS TONS.

KINDS OF PIG IRON.	GROSS TONS.
TOTAL PRODUCTION of PIG IRON in the WHOLE YEAR 1908, INCLUDING Spiegeleisen, Ferro-manganese, Ferro-phosphorus, Ferro-silicon, Bessemer Ferro-silicon, Castings made direct from the Furnace, etc.....	<i>None</i>
<i>If the furnace changed hands during this time please estimate the quantity of pig iron produced by the previous operators.</i>	
How much of the TOTAL PRODUCTION in the WHOLE YEAR 1908 was—	
BESSEMER PIG IRON? (from 0.04 to 0.10 per cent. in Phosphorus).....	
LOW-PHOSPHORUS PIG IRON? (below 0.04 per cent. in Phosphorus).....	
MALLEABLE BESSEMER PIG IRON?.....	
BASIC PIG IRON?.....	
FOUNDRY PIG IRON?.....	
FORGE or MILL PIG IRON?.....	
FERRO-MANGANESE?.....	
SPIEGELEISEN?.....	
FERRO-PHOSPHORUS?.....	
FERRO-SILICON? (7 per cent. and over in Silicon).....	
BESSEMER FERRO-SILICON? (0.10 per cent. and under in Phosphorus and 7 per cent. and over in Silicon).....	
WHITE and MOTTLED and other miscellaneous grades of PIG IRON and CASTINGS made direct from the Furnace?.....	

IDLE FURNACES.

If you made no pig iron at all in the WHOLE of 1908 please so state..... *None*

REMARKS.

Please enumerate below any blast furnaces, rolling mills, steel works, tinplate or terne plate works, and forges or bloomeries which are projected or are being built in your vicinity. Also note any old plants of this character that have been recently abandoned or dismantled. If you are now making or intend making any changes in the equipment of your works please give full particulars below.

Signature, _____

[STRICTLY CONFIDENTIAL.]

Please fill out this blank and return it as soon as possible to The American Iron and Steel Association, No. 261 South Fourth Street, Philadelphia.

PRODUCTION OF PIG IRON IN 1908.

FOR THE YEAR ENDED DECEMBER 31, 1908.

Name of Furnace or Furnaces Pioneer
Name of Owners or Lessees The Westland Steel Iron Co
Post Office, County, and State Clarkston Ohio

STACKS.

Number of completed Furnace Stacks one | Stacks building December 31, 1908 none
Stacks in blast December 31, 1908 one | Stacks rebuilding December 31, 1908 none
Stacks out of blast December 31, 1908 none | Stacks relining December 31, 1908 none

STACKS IN BLAST—How many DAYS in the LAST HALF of 1908 was each furnace in blast?

149 Days

IDLE STACKS, INCLUDING BANKED STACKS—Date when STACKS IDLE or BANKED on December 31, 1908, may be blown in none

ABANDONED STACKS—Number of STACKS IDLE on December 31, 1908, that will NEVER AGAIN MAKE PIG IRON. (If more than one Stack give name or No. of Stack) none

BUILDING STACKS—Date when STACKS BUILDING on December 31, 1908, will probably be completed none

REBUILDING STACKS—Date when you expect to have each Stack which was BEING REBUILT on December 31, 1908, ready for blast. (If more than one Stack give name or No. of Stack) none

RELINING STACKS—Date when you expect to have each Stack which was BEING RELINED on December 31, 1908, ready for blast. (If more than one Stack give name or No. of Stack) none

PROJECTED STACKS—If you contemplate erecting any NEW STACKS in 1909 please give the number to be built, the size of each Stack, and the date when you expect to commence work upon each Stack none

FUEL USED.

Kind of Fuel used in the WHOLE YEAR 1908 Charcoal only

Please state whether you used all coke, all raw bituminous coal, coke and raw coal mixed, all anthracite coal, anthracite coal and coke mixed, charcoal and coke mixed, charcoal alone, or electricity.

How many tons of IRON ORE did you consume in your furnaces in 1908?.....

GROSS TONS.

58763

LIMESTONE—GROSS TONS.

How many tons of LIMESTONE did you QUARRY in the WHOLE YEAR 1908?....

GROSS TONS.

None

How many tons of LIMESTONE did you CONSUME in your Furnaces in 1908?.....

2279

If you can not conveniently give exact figures of the limestone quarried or consumed a CLOSE ESTIMATE will answer.

PIG IRON MADE—GROSS TONS.

KINDS OF PIG IRON.

GROSS TONS.

TOTAL PRODUCTION of PIG IRON in the WHOLE YEAR 1908, INCLUDING Spiegel-eisen, Ferro-manganese, Ferro-phosphorus, Ferro-silicon, Bessemer Ferro-silicon, Castings made direct from the Furnace, etc.....

29135

If the furnace changed hands during this time please estimate the quantity of pig iron produced by the previous operators.

How much of the TOTAL PRODUCTION in the WHOLE YEAR 1908 was—

BESSEMER PIG IRON? (from 0.04 to 0.10 per cent. in Phosphorus).....

LOW-PHOSPHORUS PIG IRON? (below 0.04 per cent. in Phosphorus).....

MALLEABLE BESSEMER PIG IRON?.....

BASIC PIG IRON? *None Bessemer*.....

29135

FOUNDRY PIG IRON?.....

FORGE or MILL PIG IRON?.....

FERRO-MANGANESE?.....

SPIEGELEISEN?.....

FERRO-PHOSPHORUS?.....

FERRO-SILICON? (7 per cent. and over in Silicon).....

BESSEMER FERRO-SILICON? (0.10 per cent. and under in Phosphorus and 7 per cent. and over in Silicon).....

WHITE and MOTTLED and other miscellaneous grades of PIG IRON and CASTINGS made direct from the Furnace?.....

IDLE FURNACES.

If you made no pig iron at all in the WHOLE of 1908 please so state.....

REMARKS.

Please enumerate below any blast furnaces, rolling mills, steel works, tinplate or terne plate works, and forges or bloomaries which are projected or are being built in your vicinity. Also note any old plants of this character that have been recently abandoned or dismantled. If you are now making or intend making any changes in the equipment of your works please give full particulars below.

Signature,.....

May

1

179

27

152

30

182 ✓

2

147

31

116

116

cut of blast
4/30/1908

Days operated

9/11/11

AMERICAN IRON AND STEEL ASSOCIATION, ^{RECEIVED}

No. 261 SOUTH FOURTH STREET JUN 30 1908

JOSEPH WHARTON, *President.*
 WILLIAM METCALF, *Vice President.*
 JAMES M. SWANK, *General Manager.*
 ANDREW WHEELER, JR., *Treasurer.*
 DAVID REEVES, *Auditor.*

Philadelphia, ~~ACK~~ June 30, 1908. ^{ANS.}


PIG IRON STATISTICS.

GENTLEMEN: We desire to print in *The Bulletin* in July the statistics of the production of all kinds of pig iron in the United States in the FIRST HALF of 1908.

We inclose a blank for your statistics. In filling out the blank please do not overlook the important interrogatories concerning the production of BESSEMER, LOW-PHOSPHORUS, BASIC, MALLEABLE BESSEMER, FORGE, and FOUNDRY PIG IRON, and SPIEGELEISEN, FERRO-MANGANESE, FERRO-PHOSPHORUS, FERRO-SILICON, BESSEMER FERRO-SILICON, etc., in the FIRST HALF of 1908.

We hope that you will have the blank filled out and returned to us IMMEDIATELY. As soon as the tables are completed we will send you a copy of *The Bulletin* containing the statistics for the half year.

You will observe that all inquiries concerning unsold pig iron on hand on June 30, 1908, have been omitted from the blank. This has been done at the request of the pig iron manufacturers.

 If you made no Pig Iron whatever in the first half of 1908 please so state on the blank.

We receive all statistical communications in strict confidence, and publish statistics of production by States and districts only, disclosing to no person the figures for individual establishments.

Very Truly Yours, JAMES M. SWANK,
General Manager.

AMERICAN IRON AND STEEL ASSOCIATION,

No. 261 SOUTH FOURTH STREET, JUN 30 1908

JOSEPH WHARTON, *President.*
WILLIAM METCALF, *Vice President.*
JAMES M. SWANK, *General Manager.*
ANDREW WHEELER, Jr., *Treasurer.*
DAVID REEVES, *Auditor.*

Ack. _____ Ans. _____
Philadelphia, June 30, 1908.


PIG IRON STATISTICS.

GENTLEMEN: We desire to print in *The Bulletin* in July the statistics of the production of all kinds of pig iron in the United States in the FIRST HALF of 1908.

We inclose a blank for your statistics. In filling out the blank please do not overlook the important interrogatories concerning the production of BESSEMER, LOW-PHOSPHORUS, BASIC, MALLEABLE BESSEMER, FORGE, and FOUNDRY PIG IRON, and SPIEGELEISEN, FERRO-MANGANESE, FERRO-PHOSPHORUS, FERRO-SILICON, BESSEMER FERRO-SILICON, etc., in the FIRST HALF of 1908.

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You will observe that all inquiries concerning unsold pig iron on hand on June 30, 1908, have been omitted from the blank. This has been done at the request of the pig iron manufacturers.

 If you made no Pig Iron whatever in the first half of 1908 please so state on the blank.

We receive all statistical communications in strict confidence, and publish statistics of production by States and districts only, disclosing to no person the figures for individual establishments.

Very Truly Yours, JAMES M. SWANK,
General Manager.

American Iron & Steel Ass

1

furnace

2

Camp

Handwritten text on a vertical strip of paper on the right side of the page, possibly a date or reference number.

FUEL USED.

Kind of Fuel used in the FIRST HALF of 1908..... *Charcoal only*

Please state whether you used all coke, all raw bituminous coal, coke and raw coal mixed, all anthracite coal anthracite coal and coke mixed, charcoal and coke mixed, charcoal alone, or electricity.

PIG IRON MADE—GROSS TONS.

KINDS OF PIG IRON.	GROSS TONS.
TOTAL PRODUCTION of PIG IRON in the FIRST HALF of 1908, INCLUDING Spiegeleisen, Ferro-manganese, Ferro-phosphorus, Ferro-silicon, Bessemer Ferro-silicon, Castings made direct from the Furnace, etc.....	<i>13514</i>
<i>↳</i> If the furnace changed hands during this time please estimate the quantity of pig iron produced by the previous operators.	
How much of the TOTAL PRODUCTION in the FIRST HALF of 1908 was—	
BESSEMER PIG IRON? (from 0.04 to 0.10 per cent. in Phosphorus).....	
LOW-PHOSPHORUS PIG IRON? (below 0.04 per cent. in Phosphorus)	
MALLEABLE BESSEMER PIG IRON?.....	
BASIC PIG IRON? <i>4 non Bessemer</i>	<i>13514</i>
FOUNDRY PIG IRON?.....	
FORGE or MILL PIG IRON?.....	
FERRO-MANGANESE?.....	
SPIEGELEISEN?.....	
FERRO-PHOSPHORUS?.....	
FERRO-SILICON? (7 per cent. and over in Silicon).....	
BESSEMER FERRO-SILICON? (0.10 per cent. and under in Phosphorus and 7 per cent. and over in Silicon).....	
WHITE and MOTTLED and other miscellaneous grades of PIG IRON and CASTINGS made direct from the Furnace?.....	

IDLE FURNACES.

If you made no pig iron at all in the FIRST HALF of 1908 please so state..... ✓

REMARKS.

Please enumerate below any blast furnaces, rolling mills, steel works, tinplate or terne plate works, and forges or bloomaries which are projected or are being built in your vicinity. Also note any old plants of this character that have been recently abandoned or dismantled. If you are now making or intend making any changes in the equipment of your works please give full particulars below.

.....

.....

.....

.....

Signature,..... *Pioneer Iron Co*
By R. L. Mann

[STRICTLY CONFIDENTIAL.]

Please fill out this blank and return it as soon as possible to The American Iron and Steel Association, No. 261 South Fourth Street, Philadelphia.

PRODUCTION OF PIG IRON IN THE FIRST SIX MONTHS OF 1908. FOR THE SIX MONTHS ENDED JUNE 30, 1908.

Name of Furnace or Furnaces: Pioneer No. 2.
Name of Owners or Lessees: Pioneer Iron Co.
Post Office, County, and State: Cleveland Ohio

STACKS.

Number of completed Furnace Stacks: one
Stacks building June 30, 1908: none
Stacks in blast June 30, 1908: none
Stacks rebuilding June 30, 1908: none
Stacks out of blast June 30, 1908: one
Stacks relining June 30, 1908: none

STACKS IN BLAST—How many DAYS in the FIRST HALF of 1908 was each furnace in blast?

116

IDLE STACKS, INCLUDING BANKED STACKS—Date when STACKS IDLE or BANKED on June 30, 1908, may be blown in.

ABANDONED STACKS—Number of STACKS IDLE on June 30, 1908, that will NEVER AGAIN MAKE PIG IRON. (If more than one Stack give name or No. of Stack).

BUILDING STACKS—Date when STACKS BUILDING on June 30, 1908, will probably be completed

REBUILDING STACKS—Date when you expect to have each Stack which was BEING REBUILT on June 30, 1908, ready for blast. (If more than one Stack give name or No. of Stack).

RELINING STACKS—Date when you expect to have each Stack which was BEING RELINED on June 30, 1908, ready for blast. (If more than one Stack give name or No. of Stack).

PROJECTED STACKS—If you contemplate erecting any NEW STACKS in 1908 please give the number to be built, the size of each Stack, and the date when you expect to commence work upon each Stack

This blank is printed in copying ink for manufacturers who may desire to copy it in their letter books.

No. 272

[STRICTLY CONFIDENTIAL.]

Please fill out this blank and return it as soon as possible to The American Iron and Steel Association, No 261 South Fourth Street, Philadelphia.

PRODUCTION OF PIG IRON IN THE FIRST SIX MONTHS OF 1908.

FOR THE SIX MONTHS ENDED JUNE 30, 1908.

Name of Furnace or Furnaces Carp
Name of Owners or Lessees Pioneer Iron Co
Post Office, County, and State Cleveland Ohio

STACKS.

Number of completed Furnace Stacks one | Stacks building June 30, 1908 none
Stacks in blast June 30, 1908 none | Stacks rebuilding June 30, 1908 none
Stacks out of blast June 30, 1908 one | Stacks relining June 30, 1908 none

STACKS IN BLAST—How many DAYS in the FIRST HALF of 1908 was each furnace in blast?

None

IDLE STACKS, INCLUDING BANKED STACKS—Date when STACKS IDLE or BANKED on June 30, 1908, may be blown in ✓

ABANDONED STACKS—Number of STACKS IDLE on June 30, 1908, that will NEVER AGAIN MAKE PIG IRON. (If more than one Stack give name or No. of Stack) ✓

BUILDING STACKS—Date when STACKS BUILDING on June 30, 1908, will probably be completed ✓

REBUILDING STACKS—Date when you expect to have each Stack which was BEING REBUILT on June 30, 1908, ready for blast. (If more than one Stack give name or No. of Stack) ✓

RELINING STACKS—Date when you expect to have each Stack which was BEING RELINED on June 30, 1908, ready for blast. (If more than one Stack give name or No. of Stack) ✓

PROJECTED STACKS—If you contemplate erecting any NEW STACKS in 1908 please give the number to be built, the size of each Stack, and the date when you expect to commence work upon each Stack ✓

FUEL USED

Kind of Fuel used in the FIRST HALF of 1908. *Charcoal only*

Please state whether you used all coke, all raw bituminous coal, coke and raw coal mixed, all anthracite coal anthracite coal and coke mixed, charcoal and coke mixed, charcoal alone, or electricity.

PIG IRON MADE—GROSS TONS.

KIND OF PIG IRON.	GROSS TONS.
TOTAL PRODUCTION of PIG IRON in the FIRST HALF of 1908, INCLUDING Spiegeleisen, Ferro-manganese, Ferro-phosphorus, Ferro-silicon, Bessemer Ferro-silicon, Castings made direct from the Furnace, etc.	<i>None</i>
If the furnace changed hands during this time please estimate the quantity of pig iron produced by the previous operators.	
How much of the TOTAL PRODUCTION in the FIRST HALF of 1908 was—	
BESSEMER PIG IRON? (from 0.04 to 0.10 per cent. in Phosphorus)	
LOW-PHOSPHORUS PIG IRON? (below 0.04 per cent. in Phosphorus)	
MALLEABLE BESSEMER PIG IRON?	
BASIC PIG IRON?	
FOUNDRY PIG IRON?	
FORGE or MILL PIG IRON?	
FERRO-MANGANESE?	
SPIEGELEISEN?	
FERRO-PHOSPHORUS?	
FERRO-SILICON? (7 per cent. and over in Silicon)	
BESSEMER FERRO-SILICON? (0.10 per cent. and under in Phosphorus and 7 per cent. and over in Silicon)	
WHITE and MOTTLED and other miscellaneous grades of PIG IRON and CASTINGS made direct from the Furnace?	

IDLE FURNACES.

If you made no pig iron at all in the FIRST HALF of 1908 please so state. *None*

REMARKS.

Please enumerate below any blast furnaces, rolling mills, steel works, tinplate or terne plate works, and forges or bloomeries which are projected or are being built in your vicinity. Also note any old plants of this character that have been recently abandoned or dismantled. If you are now making or intend making any changes in the equipment of your works please give full particulars below.

Signature, *[Handwritten Signature]*

This blank is printed in copying ink for manufacturers who may desire to copy it in their letter books.

No. 47

[STRICTLY CONFIDENTIAL.]

Please fill out this blank and return it as soon as possible to The American Iron and Steel Association, No. 261 South Fourth Street, Philadelphia.

PRODUCTION OF PIG IRON IN THE FIRST SIX MONTHS OF 1908.

FOR THE SIX MONTHS ENDED JUNE 30, 1908.

Name of Furnace or Furnaces. Pioneer
Post Office, County, and State. Cleveland Ohio

STACKS.

Number of completed Furnace Stacks. one | Stacks building June 30, 1908. none
Stacks in blast June 30, 1908. one | Stacks rebuilding June 30, 1908. none
Stacks out of blast June 30, 1908. none | Stacks relining June 30, 1908. none

STACKS IN BLAST—How many DAYS in the FIRST HALF of 1908 was each furnace in blast?
182

IDLE STACKS, INCLUDING BANKED STACKS—Date when STACKS IDLE or BANKED on June 30, 1908, may be blown in.

ABANDONED STACKS—Number of STACKS IDLE on June 30, 1908, that will NEVER AGAIN MAKE PIG IRON. (If more than one Stack give name or No. of Stack).

BUILDING STACKS—Date when STACKS BUILDING on June 30, 1908, will probably be completed

REBUILDING STACKS—Date when you expect to have each Stack which was BEING REBUILT on June 30, 1908, ready for blast. (If more than one Stack give name or No. of Stack).

RELINING STACKS—Date when you expect to have each Stack which was BEING RELINED on June 30, 1908, ready for blast. (If more than one Stack give name or No. of Stack).

PROJECTED STACKS—If you contemplate erecting any NEW STACKS in 1908 please give the number to be built, the size of each Stack, and the date when you expect to commence work upon each Stack

FUEL USED.

Kind of Fuel used in the FIRST HALF of 1908..... *Charcoal only*

Please state whether you used all coke, all raw bituminous coal, coke and raw coal mixed, all anthracite coal anthracite coal and coke mixed, charcoal and coke mixed, charcoal alone, or electricity.

PIG IRON MADE—GROSS TONS.

KINDS OF PIG IRON.	GROSS TONS.
TOTAL PRODUCTION of PIG IRON in the FIRST HALF of 1908, INCLUDING Spiegel-eisen, Ferro-manganese, Ferro-phosphorus, Ferro-silicon, Bessemer Ferro-silicon, Castings made direct from the Furnace, etc.....	<i>17508</i>
<i>If the furnace changed hands during this time please estimate the quantity of pig iron produced by the previous operators.</i>	
How much of the TOTAL PRODUCTION in the FIRST HALF of 1908 was—	
BESSEMER PIG IRON? (from 0.04 to 0.10 per cent. in Phosphorus).....	
LOW-PHOSPHORUS PIG IRON? (below 0.04 per cent. in Phosphorus).....	
MALLEABLE BESSEMER PIG IRON?.....	
BASIC PIG IRON? <i>Non-Bessemer</i>	<i>17508</i>
FOUNDRY PIG IRON?.....	
FORGE or MILL PIG IRON?.....	
FERRO-MANGANESE?.....	
SPIEGELEISEN?.....	
FERRO-PHOSPHORUS?.....	
FERRO-SILICON? (7 per cent. and over in Silicon).....	
BESSEMER FERRO-SILICON? (0.10 per cent. and under in Phosphorus and 7 per cent. and over in Silicon).....	
WHITE and MOTTLED and other miscellaneous grades of PIG IRON and CASTINGS made direct from the Furnace?.....	

IDLE FURNACES.

If you made no pig iron at all in the FIRST HALF of 1908 please so state.....

REMARKS.

Please enumerate below any blast furnaces, rolling mills, steel works, tinplate or terne plate works, and forges or bloomeries which are projected or are being built in your vicinity. Also note any old plants of this character that have been recently abandoned or dismantled. If you are now making or intend making any changes in the equipment of your works please give full particulars below.

Signature.....

R. C. Mansur

1908

Reports outside parties.

Index

Munsiey Paper Co^o

Report to Select Com^e on

Pulp & Paper Investigation

House of Representatives

Dec 31/07

May 26th, 1908.

Mr. R. C. Mann, Auditor,
Office.

Dear Sir:-

Attached hereto are copies of the report which Mr.
Strong made to the Government at the latter's request.

Yours very truly,

DICTATED BY
NOT READ BY
MR. MATHER.

WGM-LWE

Wm. G. Mather, President.

COPY.

SIXTIETH CONGRESS.

.....

James R. Mann, Ill. Chairman,
 James M. Miller, Kans. Henry T. Bannon, Ohio.
 William H. Stafford, Wis. Thetus W. Sims, Tenn.
 William H. Ryan, N. Y.

SELECT COMMITTEE ON
 PULP AND PAPER INVESTIGATION
 HOUSE OF REPRESENTATIVES

Washington, D. C. May 7th, 1908.

GENTLEMEN:-

The Select Committee on Pulp And Paper Investigation appointed by the House of Representatives is now conducting hearings in Washington. In connection with its inquiry the Committee desires to obtain information concerning the manufacture of paper and wood pulp during the year 1907, and therefore a schedule seeking the necessary data is sent to every corporation, company, and individual engaged in the industry. Please answer the inquiries and return the completed schedule in the accompanying official envelope. The information furnished will be tabulated for the information of the Committee in preparing its report, which the Committee hopes to present at the present session of Congress. "The Schedule therefore should be prepared and returned at once.

Very respectfully,

James R. Mann,
 Chairman.

.....

THIS IS TO CERTIFY that the following contained in this schedule is complete and correct to the best of my knowledge and belief, and covers the period from January 1st 1907, to December 31st 1907.

Signed _____
 (Signature of person furnishing information.)

Auditor.

 (Official title)

State of Michigan, County of Alger.
 Subscribed and sworn to before me this 14th day of May 1908.

(SEAL)

Signed _____
 Notary Public.
 My commission expires May 4th 1912.

INSTRUCTIONS:- Answers to the following inquiries must relate to the calendar year ending December 31, 1907, or the business year of the company which most nearly conforms to the calendar year. One report may be made for each company representing its entire business and covering all of its mills that were in operation during any portion of the year. Or a separate report may be made for each mill. If separate reports are made, additional blanks will be furnished upon request. All schedules returned by the same company must be securely fastened together.

Name of Company making this report		MUNISING PAPER COMPANY, LIMITED.	
Post Office Address.		Munising, Michigan.	
1. Capital invested, December 31, 1907: (Include value of land, buildings, machinery, tools and implements, bills receivable, unsettled ledger accounts, raw materials, finished products, cash and other sundries on hand, and stock in process of mfg.)			\$ 2682599.00
2. Timber land owned:		ACRES	VALUE
Adjacent to mill -----		1928	1245.27
All other Timber only -----		174619	1030588.02
Total -----		176547	1031833.29
3. Salaried employees:		NUMBER	Total Am't Paid in Salaries During Year.
Salaried officers of corporations -----		1	600.00
Superintendents, Managers, foremen, clerks, & other Salaried employees -----		22	19975.40
Total -----		23	20575.40
4. Average number of wage-earners employed during the year (Do not include salaried employees reported above)			222
Total amount paid in wages during the year -----			140509.84
5. Total amount paid for rent, taxes, insurance, interest, repairs, advertising, and other miscellaneous expenses			103269.08
6. Cost of material used during the year: (Include freight if paid by the establishment reporting.)			
KIND		QUANTITY	COST
Wood for pulp, cords -----		22995	121240.25
Wood fiber purchased:			
Ground, tons (2,000 pounds) -----		4459 842	98575.75
Sulphite " " " -----		None	
Soda " " " -----		None	
All other " " " -----		None	
Fuel -----			89289.81
All other materials, including mill supplies -----			115259.13
Total cost of all materials -----			424364.94
7. Total value of all products manufactured during the year, (Give value or price F O B at Mill.)			
KIND		TONS (2,000 Pounds)	VALUE
NEWSPAPER:-			
In rolls -----		None	
In sheets -----		None	
All other varieties of paper -----		13434 1746	707191.66
Pulp and fiber sold -----		2097 110	63691.14
All other products -----		None	
Total -----			\$ 770882.80

7. Total value of all products manufactured during the year- Continued.

Total freight and cartage paid for delivery of above product----	55396.88
Total selling expenses on above product (include salaries, traveling expenses, and commissions paid, if any) -----	15567.05
Total -----	70963.93
Pulp and fiber manufactured and consumed by company, reporting tons -----	9478- 1014

8. Total cost of manufacturing product for 1907: (Include cost of materials, labor, expenses of administration, and selling exps. If company has computed cost exclusive of any or all of these items a memorandum of explanation should be attached.)

Total cost of manufacturing product reported in answer to Inquiry 7 -----	608164.80
Per cent of total cost represented by wages -----	21.94%
Per cent of total cost represented by materials -----	68.64%
Per cent of total cost represented by all other expenses of production -----	9.42%
Aver. labor cost per ton of paper manufactured (all kinds) Paper Mill only -----	\$5.62
Aver. labor cost per ton of news print paper manufactured -	None

9. Selling price of paper: (Give prices for a number of varieties of paper for each month during the two years. The kind of paper should be stated in the space at the top of the blank column.)

PRICE PER TON (2,000 Pounds) F O B Mill.									
1906					1907				
MONTH.	Dry Finish		Water Finish		MONTH.	Dry Finish		Water Finish	
	Ex.#1 Grade	Ex.No 1.	No 1.	#2.		Ex.#1 Grade	Ex.#1	No 1.	No 2.
January	\$55.93	50.82	44.62	40.42	January	59.02	54.89	50.23	44.03
February	54.87	50.24	44.25	40.28	February	48.35	52.09	52.18	44.27
March	55.68	49.15	44.57	39.50	March	62.39	57.62	54.66	46.06
April	57.44	49.25	44.29	39.69	April	63.42	58.32	55.34	46.35
May	55.69	49.88	44.12	39.87	May	65.50	57.95	55.88	48.49
June	55.74	47.85	44.72	39.59	June	66.14	60.70	54.94	49.24
July	55.80	47.20	43.40	39.60	July	66.40	62.38	55.51	49.62
August	55.22	47.16	44.20	39.10	August	67.25	73.25	56.37	50.55
September	53.40	46.80	44.20	38.80	September	67.46	62.00	57.14	50.88
October	55.60	46.20	47.00	39.60	October	66.62	61.06	59.12	52.82
November	60.20	52.40	48.60	41.40	November	71.90	64.48	59.84	51.80
December	60.62	52.96	50.63	43.95	December	69.54	70.04	56.90	52.56

10. Name, location, and capacity of mills covered by this report:

NAME	LOCATION	Yearly capacity, # of		No of Days idle since Apr '07.
		Tons (2,000) Paper	Lbs. Pulp	
Paper Mill,	Munising, Mich.	18500		278
Paper Mill,	Munising, Mich.		15000	24

MEMORANDUM OF AMOUNTS NOT INCLUDED IN ITEM No 8.

Cash discount on Sales

23271 56

Interest Account

84055 82

107327 38

Two originals of this report must be forwarded to the Secretary of State. A filing fee of fifty cents must accompany the report. Do not send postage stamps. All statements must be completed, either by giving the correct amount or by writing in the word "nothing." A blank or line in place of an answer cannot be accepted.

ANNUAL REPORT

OF

Office Copy

*Annual Report of 12/31/1907
1907 Report*

(Name of Corporation) Munising Paper Co., Ltd.
 (Postoffice Address) Munising, Michigan.
 (Street and No.) _____

Secretary of State,

Sir:—In accordance with Section twelve of Act No. 232, Public Acts of 1903, as amended, the undersigned Directors of the Munising Paper Company, respectfully submit the following report of its condition on the 31st day of December 1908

1. The character of the business in which the corporation has been engaged during the year is _____
Operation Pulp & Paper Mills.

2. The place or places at which the operations of said company have been conducted: _____
Munising, Michigan.

3. The amount of authorized capital stock: (Common, \$ _____
 (Preferred, \$ _____
 4. The amount of capital stock subscribed: (Common, \$ _____
 (Preferred, \$ _____
 5. The amount of capital stock actually paid in in cash: (Common, \$ _____
 (Preferred, \$ _____

3. The amount of authorized capital stock is	- - - -	Common	- \$ 1,000,000.00
4. The amount of capital stock subscribed is	- - - -	Preferred	- 1,000,000.00
5. The amount of capital stock paid in in cash is	- - - -	Common	- none
6. The amount of capital stock paid in in property is	- - - -	Preferred	- 1,000,000.00
<small>(The sum of the amounts under items 5 and 6 cannot exceed the amount under item 4.)</small>			
7. The amount invested in real estate is	- - - -		- 2,231,487.12
8. The present actual value of real estate, as near as may be estimated, is	- - - -		- 2,000,000.00
9. The amount invested in personal property (including credits) is	- - - -		- 345,963.12
10. The present actual value of the personal property, as near as may be estimated (including credits) is	- - - -		- 175,000.00
11. The liability of the association on real estate mortgages is	- - - -		- 1,050,000.00
12. The liability of the association on chattel mortgages is	- - - -		- none
13. The amount of debts, secured and unsecured, is	- - - -		- 1,547,484.64
14. The amount of credits owing to said association is	- - - -		- 82,692.56
15. The present estimated value of the credits is	- - - -		- 60,000.00

*55
Munising Paper*

STOCKHOLDERS NAME.	P. O. ADDRESS	SHARES OF STOCK HELD
Brown, Joseph E.	Kalamazoo, Michigan.	24
Bryant, Noah	" "	159
Barnes, Alvin W.	Richland, Michigan.	40
Blount, Henry E.	Washington, D. C.	224
Burns, J. D.	Kalamazoo, Michigan.	22
Burns, Christina L.	19 Chase Block, Kalamazoo, Mich.	9
Biscomb, J.	226 W. Cedar St., " "	5
Biscomb, Mrs. Amelia	" " " "	5
Blount, L. E.	Am. Security & Tr. Co., Washington D. C.	65
Belden, Wm. P.	Ishpeming, Michigan.	5
Burnham, Mary H.	Kalamazoo, Michigan.	20
Buckout, O. K.	623 W. South St. Kalamazoo, Michigan.	15
Buell, L. A.	438 Ranney St., " "	5
Case, Fred S.	Munising, Michigan.	44
Crusius, A.	685 Broadway, New York, N. Y.	20
Cleveland Cliffs Iron Co.,	223 Bank St., Cleveland, Ohio.	810
Carson, Isaac, N.	Galesburg, Michigan.	5
Cory, C. J.	" "	5
Duncan, M. M.	Ishpeming, Michigan.	2748
Everard, H. H.	Kalamazoo, Michigan.	1125
Everard, H. H. & Chas. D. Fuller.	" "	61
Everest, D. C.	160 Washington St., Chicago, Ill.	22
Fuller, Chas. D.	Kalamazoo, Michigan.	19
Gilmore, Estate of John M.	" "	8
Goodenow, Geo. I.	1216 South West St., Kalamazoo, Mich.	60
Gray, J. F.	160 Washington St., Chicago, Ill.	8
Humphrey, H. S.	Kalamazoo, Michigan.	20
Harris, H. R.	Marquette, Michigan.	1
Hopkins, Chas. C.	Lansing, Michigan.	44
Hoagland, Henry	Kalamazoo, Michigan.	20
Hoek, Jacob	" "	4
Harris, J. M.	Elburn, Ill.	8
Heyworth, James, O.	171 La Salle, St., Chicago, Ill.	120
Jenney, R. H.	Manistique, Michigan.	20
Judson, Chas. N.	40 Wall St., New York, N. Y.	5
Judson, Harriet	c/o Chas. N. Judson, New York, N. Y.	5
Kauffer, Hale P.	Kalamazoo, Michigan.	24
Little, C. H.	" "	8
Locklin, L. G.	Munising, Michigan.	135
Lockway, Geo.	Kalamazoo, Michigan.	100
Lawrence, Melinda JS.	Galesburg, Michigan.	35
Lincoln, Benjamin	Munising, Michigan.	14
Mather, Wm. G.	Cleveland, Ohio.	1
Milham, Frank H.	Kalamazoo, Michigan.	568
Miller, Samuel F.	C&N Ry. 5th Ave., Chicago, Ill.	4
Mather, Flora S.	c/o S. Mather, Western Reserve Bldg. Cleveland,	100
Mather Samuel	Western Reserve Bldg., Cleveland, O.	150
Manvel, Ida L. Merrill	449 W. Lovell St., Kalamazoo, Michigan.	30
Sizer, H. D.	c/o Citizens Savs. & Trust Co., Cleveland, O.	15
Southwell, H. E.	469 N. State St., Chicago, Ill.	473
Schroeder, Harry L.	c/o H. H. Everard, Kalamazoo, Michigan.	50
St. John, H. A.	Marquette, Michigan.	16
Beidsema, John M.	119 So. Burdick St., Kalamazoo, Michigan.	4
Root, Belle M.	Kalamazoo, Michigan.	4
Tate, W. C.	Munising, Michigan.	6
Upjohn, James T.	Kalamazoo, Michigan.	140
Upjohn, Wm. E.	" "	7
Utter, A. P.	Munising, Michigan.	8
Wilmott, Geo. D.	Kalamazoo, Michigan.	8
Worcester, Chas. H.	Chicago, Ill.	464
Wade, J. H. J.H. McBride, & Wm. G. Mather,	Trustees, Cleveland, Ohio.	1820
White, Peter	Marquette, Michigan.	10
Wilbur, Dr. E. P.	Brown Block, Kalamazoo, Michigan.	4
Yaple, Geo. L.	Mendon, Michigan.	12
Zwaluwenburg, C. Van	Riverside, California.	10
TOTAL - - - - -		10000

NAMES OF OFFICERS AND DIRECTORS.

POSTOFFICE ADDRESSES.

Wm. G. Mather. Chairman
 C. H. Worcester. Vice-Pres.
 Wm. G. Mather. Secretary.
 Wm. G. Mather. Treasurer.
 Wm. G. Mather.
 C. H. Worcester.
 H. H. Everard.
 Wm. P. Belden.
 H. R. Harris.

} Directors.

Cleveland, Ohio.
 Chicago, Ill.
 Cleveland, Ohio.
 Cleveland, Ohio.
 Chicago, Ill.
 Detroit, Michigan.
 Ishpeming, Michigan.
 Marquette, Michigan.

The foregoing is a true statement of the condition of the company together with the names and postoffice addresses of the stockholders, and the number of shares held by each at the date of this report; also the name and postoffice address of each officer and director of such corporation.

WITNESS OUR SIGNATURES:—

} Majority of Directors.

STATE OF _____ }
 County of _____ } ss.

I, _____ do solemnly swear that I am the Secretary of the above named corporation, and that the matters set forth in the foregoing report are true and correct to the best of my knowledge and belief: And further, that the within signatures are those of a majority of the directors of said corporation.

 Secretary.

Subscribed and sworn to before me, this _____ day of _____ 190_____

Notary Public in and for _____ County, State of Michigan.

My commission expires _____ 19_____

ANNUAL REPORT FOR 190...

190

Deputy Secretary of State.

Section 12, Act 232, P. A. 1903, as amended by Act 137, P. A. 1907.

Section 12. Every corporation subject to this act, including every foreign corporation admitted to carry on business in this State under the provisions of this act, shall annually, in the month of January or February, make duplicate reports showing the condition of such corporation on the thirty-first day of December next preceding, on suitable blanks to be furnished by the Secretary of State, as hereinafter provided: Provided, Flour milling corporations shall make and deposit annual reports in the month of July for the year ending June thirty, preceding: Provided further, That any such corporation, which shall make and file with the Secretary of State a statement in writing certified to by its president and secretary, showing that its fiscal year ends at a time other than December thirty-first and that it is its custom to take an inventory and balance its accounts at the close of such fiscal year, and cannot make an accurate report for any other date, shall make its report showing its condition at the close of its fiscal year, such report to be filed within sixty days after such close of its fiscal year. Such reports shall state the amount each of common and preferred capital stock authorized, and the amount thereof subscribed for, and the amount thereof actually paid in in cash, and the amount thereof paid in property; the total value as near as may be estimated, of all property owned by the corporation; the value of different items or classes of property as follows: Real estate used in its business; real estate not used in its business; goods, chattels, merchandise, material and other tangible property; patent rights, copyrights, trademarks and formulas; good will; and all other property, specifying the kind; value of all credits owing to the corporation; the amount of debts of the corporation; the name and postoffice address of each stockholder and the number of shares of preferred and common stock held by him at the date of such report; the name and postoffice address of each officer and director of the corporation, and such other information as the Secretary of State may require. It shall be the duty of the Secretary of State in the month of December in each year, or in case of corporations whose fiscal year ends prior to December thirty-first, on application of such corporation, to mail to each corporation which is subject to the provisions of this act, suitable blanks on which shall be printed a copy of this section. Such reports shall be signed by a majority of the board of directors and verified by the oath of the secretary of the corporation, and deposited in the office of the Secretary of State within the said month of January or February, or within sixty days after the close of such fiscal year, accompanied by a filing fee of fifty cents. The Secretary of State shall carefully examine such reports, and if upon such examination they shall be found to comply with all the requirements of this section, he shall then file one of them in his office, and shall

forward the other by mail or express to the county clerk of the county in which the office in this State, for the transaction of the business of said corporation, is situated. And it shall be the duty of such county clerk, upon receipt of such report, to immediately cause the same to be filed in his office. If any corporation neglect or refuse to make and file the reports required by this section within the time herein specified, and shall continue in default for ten days thereafter, its corporate powers shall be suspended thereafter until it shall file such report, and it shall not maintain an action in any court of this State upon any contract entered into during the time of such default; and any director of such corporation so in default, who has neglected or refused to join in the making of such report, shall be liable for all the debts of such corporation contracted since the filing of the last report of such corporation, and shall also be liable to such corporation for any damages sustained by it by reason of such refusal or neglect. And in case a corporation organized or doing business under the provisions of this act shall be dissolved by process of law, or whose term of existence shall terminate by limitation, or whose property and franchises shall be sold at mortgage sale, or at private sale, or if for any reason the attitude of the corporation toward the State shall be changed from that set forth in the articles of association, it shall be the duty of the last board of directors of such corporation within thirty days thereafter to give written notice of such change to the Secretary of State, signed by a majority of such directors and accompanied by a recording fee of fifty cents, which said notice shall be recorded as amendments are required to be recorded. And in case of neglect to give such notice, they shall each be subject to a penalty of five dollars for each and every day during the continuance of such neglect or refusal. The neglect or refusal to file the report, or to record the notice required by this section to be filed or recorded, shall be deemed wilful when such report or notice is not filed or recorded within the time herein limited. Whenever any corporation has neglected or refused to make and file its report within twenty days after the time limited in this section, the Secretary of State shall cause notice of that fact to be given by mail to such corporation, directed to its postoffice address. The certificate of the Secretary of State or his deputy, of the mailing of such notice, shall be prima facie evidence in all courts and places of that fact, and that such notices were duly received by said corporation.

This act is ordered to take immediate effect.

MEMORANDUM

Cleveland, O. April 9, 1910

A representative of the Dept. of Commerce & Labor Bureau of Corporations called on us day before yesterday with schedules to be submitted to Navigation Companies and requested that we give him some information to be filled in on these schedules under sections 4,9 and 11. He left a rough draft of these schedules for the following Companies:-

GRAND ISLAND STEAMSHIP CO.
PRESQUE ISLE TRANSPORTATION CO.
HOPKINS STEAMSHIP COMPANY.

These schedules had been filled out ^{from} very like reports which we had made in 1907 and we have taken copies of them on the attached blanks which he also left. The information, as before stated, furnished at this time only covered data which is shown under the above section numbers and for the years 1907 and 1908.

H. C.V. S.

HCVS:LGL
att.

Department of Commerce and Labor

BUREAU OF CORPORATIONS

Washington

ROUGH DRAFT OF SCHEDULE

SCHEDULE TO BE SUBMITTED TO NAVIGATION COMPANIES ENGAGED IN COASTWISE, LAKE,
OR RIVER TRANSPORTATION.

If additional space is required for any answer, write at end of schedule or on separate sheets. Return schedule promptly in inclosed envelope, which requires no postage, to COMMISSIONER OF CORPORATIONS, WASHINGTON, D. C.

(CLEVELAND-CLIFFS IRON CO.)

I. Name of line: PRESQUE ISLE TRANSPORTATION COMPANY

Form of organization (corporation, partnership, or individual): _____

(Office Rockefeller Bldg., Cleveland, O.)

Principal office, town or city: Fairport Street number: _____

County: _____ State: O hio

Date of establishment of line: _____ Date of incorporation: Oct. 21, 1897

Under laws of what State or Territory organized: West Virginia

If company is incorporated in more than one jurisdiction, name all jurisdictions: _____

If incorporated by special statute, give reference to such statute and important amendments: _____

If a consolidated company, give names of companies or agencies represented by such consolidation, and dates of consolidation and acquisitions: _____

If company is successor to a previous corporation, voluntary association, firm, or individual carrier, give name thereof and reference to special statutes, if any, relating thereto: _____

Does your company own stocks or bonds in any other navigation companies or in any dock, warehouse, lighterage, or other terminal concern? If so, give names of same and amount of securities of each so held:

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II. If line is incorporated, fill out the following table regarding capitalization, stock, bonds, etc.:

		PREFERRED STOCK.		COMMON STOCK.		BONDS AND OTHER INDEBTEDNESS.	
Amount authorized				500,000		199,500	
Amount actually issued				500,000		199,500	
	Year.	Amount.	Rate.	Amount.	Rate.	Amount.	Rate.
Dividends declared or interest actually paid annually during past ten years.							

III. If a corporation, give names and addresses of—

Officers:

President B. F. Jones, Jr. Pittsburgh, Pa.

Secretary Wm. G. Pollock Cleveland, Ohio.

Treasurer Wm. G. Mather Cleveland, Ohio.

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Directors:

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Give description of other property owned by your line, including list of piers and docks and where situated: NONE

What dock privileges does your line have? ✓

V. Name terminals and other points between which boats of your line regularly run: ✓

If any of your boats are not operated over regular lines (in other words, are what may be designated "tramp" vessels), mention same, and state general nature of their business and field of their operations: ✓

VI. Does your company have regular schedules of freight rates? If so, give classification and attach copies of schedules in force, showing all-water rates and joint water-and-rail rates: ✓

Are such freight rates required by law to be published or filed? If so, by what authority and where are they so published or filed? ✓

If any of your vessels have operated on season contract rates, give all such rates in force during 1906: ✓

Do railroads prorate with your line on freight traffic? NO

VII. Is your line controlled by or affiliated with any other navigation line or with any railroad or with any dock, warehouse, or other terminal concern, whether by ownership or lease or by mortgage or by ownership of stocks or bonds or through traffic agreements; or is it in any other manner so controlled or affiliated? If so, specify in detail: NO

Does your line lease, or in any manner control, except through ownership of stocks and bonds, as stated above, any other navigation line or railroad or any dock, warehouse, lighterage, or other terminal concern? If so, name same and state the character and extent of such control. NO

In either case, annex copy of such leases or contracts.

VIII. What is the general character of freight handled by your line? If there are several divisions of your line answer separately for each.

IRON ORE, COAL & GRAIN

What is the difference in character between eastbound and westbound or northbound and southbound traffic?

Iron & Grain South & East

Coal North & West

What towing arrangements has your line? With whom are the same made, and what are the prevailing towing charges and on what principles are they based? ✓

IX. Are contracts of carriage made direct with shippers or with ship brokers, forwarders, or other agencies?

(BOTH)

NOTE

Get names of principal concerns for which coal and ore is carried.

Ore Trade General- being that of the entire consuming interest

tributary to the Lake Superior Ore Region

Coal carried only for our own consumption.

Annex forms of bills of lading or manifests.

X. To what extent does the insurance rate on vessels and cargoes affect your competition with carriers by rail?

When does insurance on cargoes and on vessels begin and terminate? ✓

Annex copies of typical policies of insurance on vessels and cargoes, respectively, to your answer. ✓

XI. State total number of tons of freight carried in each direction by your line in calendar years 1904 and 1905, and give figures for each principal commodity so transported, as follows :

ARTICLE. Specify whether gross or net tons	DIRECTION.	TONNAGE.	
		1904.	1905.
Coal	Up North & West	NONE	Gross Tons 18945
Ore	Down South & East	Gross Tons 489089	Gross Tons 373999

State total number of tons annually carried by your line for the last ten years, or for as many years as possible:

We have for 1901 to 1906

YEAR.	TONS.	YEAR.	TONS.
1907	489089 gross tons		
1908	392944 " "		

If there are divisions of your line answer Question XI separately for each such division.

XII. What were the gross earnings of your line for the calendar year 1905? ✓

What were the operating expenses for the same year, exclusive of depreciation, loss of vessels, interest, and other fixed charges? ✓

What were the net earnings for the same year? ✓

XIII. What other boat lines or railways connect the points between which your line runs?

Do you encounter any competition from "tramp" steamers, or from other "tramp" vessels?

If so, state the nature and effect of such competition:

XIV. During what portion of the year are your boats usually operated?

XV. What is your general policy in competition with railroads and other carriers? Do you aim to adopt their freight rates or to cut them in order to increase your business, or have you agreements with railroads under which you are granted differential rates? What are the differentials?

XVI. State instances, if you have knowledge of any, in which your competitors, either railroads or other carriers or any towing companies, have given rebates or made other concessions to shippers or others:

XVII. What, in your opinion, would further increase the efficiency and usefulness of navigation companies? -----

Signature: **Signed by R. C. Mann** -----

Dated **Feb. 22, 1907** -----

Department of Commerce and Labor
BUREAU OF CORPORATIONS
Washington

Rough draft of schedule.

SCHEDULE TO BE SUBMITTED TO NAVIGATION COMPANIES ENGAGED IN COASTWISE, LAKE,
OR RIVER TRANSPORTATION. Cleveland-Cliffs Iron Co.,
Cleveland.

If additional space is required for any answer, write at end of schedule or on separate sheets. Return schedule promptly in inclosed envelope, which requires no postage, to COMMISSIONER OF CORPORATIONS, WASHINGTON, D. C.

I. Name of line: Grand Island Steamship Co.

Form of organization (corporation, partnership, or individual):

Principal office, town or city: Grand Island Street number:

County: Alger State: Michigan

Date of establishment of line: Date of incorporation: Nov. 28, 1904

Under laws of what State or Territory organized: West Virginia

If company is incorporated in more than one jurisdiction, name all jurisdictions:

If incorporated by special statute, give reference to such statute and important amendments:

If a consolidated company, give names of companies or agencies represented by such consolidation, and dates of consolidation and acquisitions:

If company is successor to a previous corporation, voluntary association, firm, or individual carrier, give name thereof and reference to special statutes, if any, relating thereto:

Does your company own stocks or bonds in any other navigation companies or in any dock, warehouse, lighterage, or other terminal concern? If so, give names of same and amount of securities of each so held: No

II. If line is incorporated, fill out the following table regarding capitalization, stock, bonds, etc. :

	PREFERRED STOCK.		COMMON STOCK.		BONDS AND OTHER INDEBTEDNESS.	
Amount authorized			25,000.00		1,510,000	
Amount actually issued			25,000.00		669,000	

Dividends declared or interest actually paid annually during past ten years.	Year.	Amount.	Rate.	Amount.	Rate.	Amount.	Rate.

III. If a corporation, give names and addresses of—

Officers:

Wm. G. Mather, Prest. Cleveland, O.
 Jas. H. Hoyt, Vice Prest. "
 A. O. Jopling, 2nd Vice P. Grand Island, Mich.
 J. H. Sheadle, Secy. Cleveland, O.
 Wm. G. Mather, Treas. "

Directors:

Stockholders:

IV. Give list of boats owned or operated by your line, including names, gross and net tonnage of each, and state whether same are steam, sail, barge, or other craft, as follows:

NAME.	CLASS OF VESSEL.	GROSS TONNAGE.	NET TONNAGE.
G. I. S. S. Co. William G. Mather	Steamer	6838	5183
" Ishpeming	"	6924	5476
" Cadillac	"	1263	1068
" Choctaw	"	1573	1256
" x Falcon	"	865	693
" Michigan	"	6924	5476
" J. H. Sheadle	"	6924	5476
" Pioneer	"	1123	774
" Andaste	"	1573	1256
" Pontiac	"	2298	1788
" Frontenac	"	2003	1676
" Chattanooga	Schooner	2339	2266

If any of the above vessels are leased from other owners, or leased to other operating agencies, give names of owners or lessees and terms of lease: None leased

Note - See memo. relative to above fleet. The first five vessels are now listed in name of the Cleveland-Cliffs Iron Co., as per Blue Book of American Shipping for 1909.

x The Falcon went down in 1909, summer.

Give description of other property owned by your line, including list of piers and docks and where situated: None

What dock privileges does your line have?

V. Name terminals and other points between which boats of your line regularly run:

If any of your boats are not operated over regular lines (in other words, are what may be designated "tramp" vessels), mention same, and state general nature of their business and field of their operations: Tramps

VI. Does your company have regular schedules of freight rates? If so, give classification and attach copies of schedules in force, showing all-water rates and joint water-and-rail rates:

Are such freight rates required by law to be published or filed? If so, by what authority and where are they so published or filed?

If any of your vessels have operated on season contract rates, give all such rates in force during 1906:

Do railroads prorate with your line on freight traffic?
No

VII. Is your line controlled by or affiliated with any other navigation line or with any railroad or with any dock, warehouse, or other terminal concern, whether by ownership or lease or by mortgage or by ownership of stocks or bonds or through traffic agreements; or is it in any other manner so controlled or affiliated? If so, specify in detail:
No

Does your line lease, or in any manner control, except through ownership of stocks and bonds, as stated above, any other navigation line or railroad or any dock, warehouse, lighterage, or other terminal concern? If so, name same and state the character and extent of such control.
No

In either case, annex copy of such leases or contracts.

VIII. What is the general character of freight handled by your line? If there are several divisions of your line answer separately for each.
Iron Ore, Coal and Grain

What is the difference in character between eastbound and westbound or northbound and southbound traffic?

Iron ore and grain south and east

Coal north and west

What towing arrangements has your line? With whom are the same made, and what are the prevailing towing charges and on what principles are they based?

IX. Are contracts of carriage made direct with shippers or with ship brokers, forwarders, or other agencies? "Both"

Note - Get names of principal concerns for which ore and coal are carried.

Ore - Trade general, being that of the entire consuming interest tributary to the Lake Superior ore region.

Coal- Carried only for our own consumption.

Annex forms of bills of lading or manifests.

X. To what extent does the insurance rate on vessels and cargoes affect your competition with carriers by rail?

When does insurance on cargoes and on vessels begin and terminate?

Annex copies of typical policies of insurance on vessels and cargoes, respectively, to your answer.

XI. State total number of tons of freight carried in each direction by your line in calendar years 1904 and 1905, and give figures for each principal commodity so transported, as follows :

ARTICLE.	DIRECTION.	TONNAGE.	
		1907.	1908.
<i>Specify whether gross or net tons.</i>			
		Gross Tons	Gross Tons
Ore	South and East	1,232,285	645,495
Grain	" "	21,906	- - - -
Coal	North and West	183,540	75,889

State total number of tons annually carried by your line for the last ten years, or for as many years as possible:

We have data for 1906.

Get

YEAR.	TONS.	YEAR.	TONS.
1907	1,437,731 gross tons		
1908	721,384 " "		

If there are divisions of your line answer Question XI separately for each such division.

XII. What were the gross earnings of your line for the calendar year 1905?

What were the operating expenses for the same year, exclusive of depreciation, loss of vessels, interest, and other fixed charges?

What were the net earnings for the same year?

XVII. What, in your opinion, would further increase the efficiency and usefulness of navigation companies?

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Signature: **J. H. Sheadle**

Dated **February 22, 1907,**

Department of Commerce and Labor
BUREAU OF CORPORATIONS
Washington

*Copy of report filed
out by special messenger*

ROUGH DRAFT OF SCHEDULE

SCHEDULE TO BE SUBMITTED TO NAVIGATION COMPANIES ENGAGED IN COASTWISE, LAKE,
OR RIVER TRANSPORTATION.

If additional space is required for any answer, write at end of schedule or on separate sheets.
Return schedule promptly in inclosed envelope, which requires no postage, to COMMISSIONER
OF CORPORATIONS, WASHINGTON, D. C.

CLEVELAND-CLIFFS IRON CO.
CLEVELAND,

I. Name of line: HOPKINS S. S. CO.

Form of organization (corporation, partnership, or individual):

Office ~~Mercantile Bank Bldg.-Cleveland~~ ^{Rockefeller}

Principal office, town or city: Fairport Street number:

County: Lake State: Ohio

Date of establishment of line: Date of incorporation: Feb. 12, 1901

Under laws of what State or Territory organized: West Va.

If company is incorporated in more than one jurisdiction, name all jurisdictions:

If incorporated by special statute, give reference to such statute and important amendments: ✓

If a consolidated company, give names of companies or agencies represented by such con-
solidation, and dates of consolidation and acquisitions: ✓

If company is successor to a previous corporation, voluntary association, firm, or individual
carrier, give name thereof and reference to special statutes, if any, relating thereto: ✓

Does your company own stocks or bonds in any other navigation companies or in any dock, warehouse, lighterage, or other terminal concern? If so, give names of same and amount of securities of each so held:

No

II. If line is incorporated, fill out the following table regarding capitalization, stock, bonds, etc.:

	PREFERRED STOCK.		COMMON STOCK.		BONDS AND OTHER INDEBTEDNESS.		
Amount authorized	*--		265,000.00		----		
Amount actually issued			265,000.00		----		
	Year.	Amount.	Rate.	Amount.	Rate.	Amount.	Rate.
Dividends declared or interest actually paid annually during past ten years.							

III. If a corporation, give names and addresses of—

Officers:

Wm. G. Mather, Pres., Cleveland, Ohio

E.R. Perkins, Vice " Willoughby, Ohio

J.H. Sheadle, Sec'y, Cleveland, Ohio

Wm. G. Mather, Treas., " "

Directors:



Stockholders: ✓

IV. Give list of boats owned or operated by your line, including names, gross and net tonnage of each, and state whether same are steam, sail, barge, or other craft, as follows:

NAME.	CLASS OF VESSEL.	GROSS TONNAGE.	NET TONNAGE.
Centurion	Steam	3,401	2,728
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Get
vessels
for
1907-08

If any of the above vessels are leased from other owners, or leased to other operating agencies, give names of owners or lessees and terms of lease: ✓

Give description of other property owned by your line, including list of piers and docks and where situated: **None**

What dock privileges does your line have?

Only the usual privileges afforded all vessels on the lakes

V. Name terminals and other points between which boats of your line regularly run:

None

If any of your boats are not operated over regular lines (in other words, are what may be designated "tramp" vessels), mention same, and state general nature of their business and field of their operations: **Tramp**

VI. Does your company have regular schedules of freight rates? If so, give classification and attach copies of schedules in force, showing all-water rates and joint water-and-rail rates:

No

Are such freight rates required by law to be published or filed? If so, by what authority and where are they so published or filed?

✓

If any of your vessels have operated on season contract rates, give all such rates in force during 1906:

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Do railroads prorate with your line on freight traffic? **No**

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VII. Is your line controlled by or affiliated with any other navigation line or with any railroad or with any dock, warehouse, or other terminal concern, whether by ownership or lease or by mortgage or by ownership of stocks or bonds or through traffic agreements; or is it in any other manner so controlled or affiliated? If so, specify in detail: **No**

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Does your line lease, or in any manner control, except through ownership of stocks and bonds, as stated above, any other navigation line or railroad or any dock, warehouse, lighterage, or other terminal concern? If so, name same and state the character and extent of such control. **No**

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In either case, annex copy of such leases or contracts.

VIII. What is the general character of freight handled by your line? If there are several divisions of your line answer separately for each.

Iron Ore, Coal & Grain

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What is the difference in character between eastbound and westbound or northbound and southbound traffic?

Iron Ore & Grain South and East

Coal North and west

What towing arrangements has your line? With whom are the same made, and what are the prevailing towing charges and on what principles are they based? ✓

IX. Are contracts of carriage made direct with shippers or with ship brokers, forwarders, or other agencies? **"Both"**

Get names of principal industrial concerns for which vessels carry ore or coal

Ore trade general, being that of the entire consuming interest tributary to the Lake Superior Ore region. Coal carried only for our own consumption.

Annex forms of bills of lading or manifests.

X. To what extent does the insurance rate on vessels and cargoes affect your competition with carriers by rail? ✓

When does insurance on cargoes and on vessels begin and terminate? ✓

Annex copies of typical policies of insurance on vessels and cargoes, respectively, to your answer. ✓

XI. State total number of tons of freight carried in each direction by your line in calendar years 1904 and 1905, and give figures for each principal commodity so transported, as follows :

ARTICLE.	DIRECTION.	TONNAGE.	
		1904	1905
Specify whether gross or net tons			
Coal	Up(North & West)	Gross Tons 26,412	Steamer was not in commission during season of 1908
Ore	Down (South & East)	Gross Tons	

State total number of tons annually carried by your line for the last ten years, or for as many years as possible:

We have data for 1901 to 1906 inclusive

Get

YEAR.	TONS.	YEAR.	TONS.
1907	117312 Gross Tons		
1908	None		

If there are divisions of your line answer Question XI separately for each such division.

XII. What were the gross earnings of your line for the calendar year 1905? ✓

What were the operating expenses for the same year, exclusive of depreciation, loss of vessels, interest, and other fixed charges? ✓

What were the net earnings for the same year? ✓

XIII. What other boat lines or railways connect the points between which your line runs? ✓

Do you encounter any competition from "tramp" steamers, or from other "tramp" vessels?

If so, state the nature and effect of such competition: ✓

XIV. During what portion of the year are your boats usually operated? ✓

XV. What is your general policy in competition with railroads and other carriers? Do you aim to adopt their freight rates or to cut them in order to increase your business, or have you agreements with railroads under which you are granted differential rates? What are the differentials? ✓

XVI. State instances, if you have knowledge of any, in which your competitors, either railroads or other carriers or any towing companies, have given rebates or made other concessions to shippers or others: ✓

XVII. What, in your opinion, would further increase the efficiency and usefulness of navigation companies?

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Signature: **Fred A. Morse**

Dated **Feb. 22, 1907**

