4.—Stock Quotation Chart, New York Stock Exchange—Section 1 Continued, showing the range weekly from Feb. 15 to May 2, 1908, and highest and lowest for the year to May 2, 1908.

Number	dinolo	Wester	North. Ca	S sention	1908—I	RANGE FOR	WEERS E	INDING	3	atest starting			JAN 1 TO	May 2
NUMBER	Feb 15	Feb 22	Feb 29	Mar 7	Mar 14	Mar 21	Mar 28	Apl 4	Apl 11	Apl 18	Apl 25	May 2	190	8
8 9 10 11	165 -160 278- 261	271- 251 110-1051 100-981	273-265 1105-1075 1001-995 140-140	$147 - 142\frac{1}{2}$ $167 - 162$ $28 - 26\frac{3}{4}$ $115\frac{1}{8} - 108\frac{1}{2}$ $105 - 101$ $139\frac{1}{8} - 139\frac{1}{2}$	169½-168 29½-28½ 119¾-114¾ 109-106½ 143-142	$170 - 169$ $30\frac{3}{4} - 28\frac{7}{8}$ $120\frac{7}{8} - 114\frac{3}{4}$ $110\frac{1}{8} - 109$ $144\frac{1}{2} - 144\frac{1}{3}$	$\begin{array}{c} 154\frac{1}{4} - 146\frac{3}{4} \\ 175 - 172\frac{1}{2} \\ 33\frac{7}{8} - 30\frac{1}{2} \\ 120 - 115\frac{1}{4} \\ 112\frac{1}{4} - 109\frac{1}{2} \\ 145 - 142 \end{array}$	32½- 30½ 118½-115½ 112½-110½ 146-146	$174 - 171\frac{1}{4}$ $32\frac{7}{8} - 31$ $119\frac{9}{8} - 116\frac{1}{2}$ $113 - 113$ $145 - 145$	H L 771-758 871-862 773-73 841-862 773-73 842-82 473-46 1578-1522 32-312 1185-1175	181 -175 334- 318 1238-1174 1154-1128 148 -1474	82 - 82 48½- 46¼ 158½-154½ 183-182 38¾- 33¾ 132¾-123 124-116 152-149	2 May 90 1 2 May 85 14 Jan 90 121 Jan 85 127 Apl 48 110 Jan 158 110 Jan 183 2 May 132 12 May 132 152 152 152 152 152 152 152 152 152 15	Low 4 Feb. 86; 7 Feb. 88; 2 Mar 59; 0 Feb 76; 3 Jan 80; 1 Feb 140; 1 Feb 160; 1 Feb 25; 2 Jan 103; 3 Jan 98; 3 Jan 138;
14	6 - 6 18 - 17½ 49½ - 46½ 18½ - 16 9½ - 9½ 4½ - 4½ 47¼ - 48	167 -167 6 - 6 17 - 17 49 - 45 to 16 to 16 to 10 to 2 to	17 - 16 1	54- 5 1686- 14 528- 17 17- 17 11 - 101 41- 454 461- 454	686	73- 62 205- 17 585- 542 18- 172 11- 102 75- 75 5- 49 50- 47	8 1 7 21 2 20 6 2 1 7 3 1 8 1 17 3 1 3 1 11 75 75 5 4 4 8	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	151-112	7½ 7½ 20½ 20 58½ 56% 18% 17% 17% 14½ 53 41 53 50½	8 1 7 1 20 20 60 1 20 1 4 17 1 2 1 2 1 4 1 7 1 2 2 1 4 1 7 1 2 2 4 7 1 7 5 1 4 5 5 5 5 5 6 8 2 1 2 4 7 1 7 5 5 1 4 5 5 5 5 6 8 2 1 2 4 7 1 7 5 5 1 4 1 5 5 5 5 6 8 2 1 2 4 7 1 7 5 5 1 4 1 5 5 5 5 6 8 2 1 2 4 7 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	78 - 78	28 Mar 62½ 24 Apl 21½ 23 Apl 86 23 Apl 24½ 29 Apl 78	2 Jan 164 6 Mar 5 6 Mar 14 19 Feb 45 4 Jan 13 4 Jan 78 10 Feb 9 17 Jan 65 20 Feb 4 4 Jan 44
100 00 100	Feb 15	Feb 22	Feb 29	Mar 7	Mar 14	Mar 21	Mar 28	Apl 4	Apl 11	Apl 18	Apl 25	May 2	May 9	May 16
24	\$ 1,135,248 1,132,309 66,723	66,187	1,167,623 64,133	\$ 1,164,349 1,175,700 62,162	61,406	\$ 1,181,653 1,182,080 61,245	61,042	1,213,954 60,273	\$ 1,187,411 1,225,520 59,598	59,499	1,250,903 59,365	1,257,759 58,248	1,270,324 57,337	\$ 1,201,12 1,276,22 57,20
27 28	253,424 60,503	258,375 60,666	261,318 59,850	265,289 58,772	264,496 59,126	271,990 60,954	275,210 61,912	281,926 62,252	287,145 62,501	296,676 64,699	304,738 66,972			313,98 69,68
29 30	313,927 283,077	319,041 286,573	321,168 291,506	324,061 293,925	323,622 292,957	332,944 295,520	337,122 297,334		349,646 306,380				381,464 317,581	383,66 319,05
31 32 33	30,850 45,724 27.7	32,468 47,300 27.8	43,100	43,754	30,665 42,980 27.6	37,424 49,481 28.1	50,921	51,560	54,154	60,866	69,868	72,704	73,674	72,53

6. Stock and Bond Quotation Chart, New York Curb Range of Prices Weekly, Jan. 4 to Mar. 21, 1908.

		of he inter		1908-R	ANGE OF I	PRICES WE	EKLY, WEI	eks Ending	JAN. 4 T	O MAR. 21			
	NAME OF COMPANY AND STOCK	Jan 4	Jan 11	Jan 18	Jan 25	Feb 1	Feb 8	Feb 15	Feb 22	Feb 29	Mar 7	Mar 14	Mar 21
	Industrial: American Tobacco. Bay State Gas. International Salt. Manhattan Transit. Standard Oil.	H L 260 -235 1½- % 3½- 2½ 480 -439	11- 78	11- 101 11- 101	15-15	H L 260 -260 1 - 8 3 - 28 495 -482	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	H L 250 -250 8 25- 21 499-491	$H L \\ 250 - 242 \\ 1 - \frac{3}{4} \\ 11 - 11 \\ 2\frac{7}{8} - 2\frac{5}{8} \\ 490 - 480$	11 - 101	136- 15	260 -260 1 3 - 1 101 10	H 300 -27 11-1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Railroad: Chicago Subway Northern Securities Stubs Minina:	Stoc	GTO	mille				161- 15	E HAT	Cappel of		Joseph	CO. VAL
	Boston Cons. Copper British Columbia Copper Butte Coalition Copper. Butte & New York. Cobalt Central.	121 103 41 38 168 15 11 18 291 21	163- 45 163- 151 11- 18	51- 47 201- 16 31- 11	5½ 5 21 - 18½ 3¾ 18	5 5 5 20 - 183 21 17	5 - 44 194-18 24-17	151- 141 43- 48 178- 17 2- 13 27 - 258	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	21 17 17 17 17 17 17 17 17 17 17 17 17 17	201- 191 2 - 19	21 19 19 19 19 19 19 19 19 19 19 19 19 19	5 - 211- 21-
STATE OF THE PARTY	Bonds: Adams Express Co. 4s Allis Chalmers 5s American Steel Foundries 6s American Writing Paper 5s Cons. Steamship 4s International Salt 5s Nev. Con. Conv. 6s 50 % Pd.	80 - 79 55 - 55 78 - 75 93 - 81	83½ 80½ 60 - 55	86 - 83 ³ 58 - 58	88 - 85 59 - 59		91 - 893	90 - 89½ 62½ 62½	90½— 89 64½— 64 50 — 49¾ 78 — 78	90 - 90	90 - 90 63 - 63 79 - 79	90 - 90	90 - 62 -

is planned for the various securities traded in on the Stock Exchanges in other cities may be judged by the lists of active shares and bonds for which it is proposed to publish weekly comparative tables of range of prices, similar to those to be published for New York, which list covering 1,388 separate issues of Stocks and Bonds will be found on pp. 4 and 5.

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

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

DEX No.	Description of Bonds	Last (Mo indic 190	eates	Lat Quot		DEX No.	Description of Bonds			Lat Quot	test ation	DEX No.	Description of Bonds	(Mo	Sale onth cates 08)		test ation
I		Date	Price	Bid	Ask	In	5 M X W A	Date	Price	Bid	Ask	I		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.

Rauroads:
Atchison, Topeka & S. Fe
Boston & Albany
Boston Elevated
Boston & Lowell
Boston & Maine
Boston & Providence
Chicago Junc. Rys. & U.
S. Y.
— do — preferred
Eitchburg, pref - do - preferred Fitchburg, pref. New York, N. H. & Hart-ford Old Colony Union Pacific — do — preferred West End Street — do — preferred Land: East Boston

Telephone: Am. Teleph. & Teleg. Cumb. Teleph. & Teleg. Mexican Telephone New England Western Telep. & Teleg.

Mining: Adventure Con. Allouez Arcadian Arizona Comml. Anaconda Atlantic Butte Coa'n Calumet & Arizona Calumet & Hecla Centennial Cons. Mercur Gold Cons. Mercur Gold Copper Range Daly-West Dominion Coal pref. Elm River Greene Cananea Franklin 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 Osceola Parrot (Silver & Copper) Quincy Rhode Island 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

Miscellaneous: American Pneumatic Ser-- do - preferred

Miscellaneous, Continued. Boston Suburban Electric Co.
O — preferred
Boston & Worcester Electric Co.
Edison Electric Illuminating Georgia Ry. & Electric General Electric Mass. Electric Cos. — do — preferred Mass. Electric Cos.
—do — preferred
Massachusetts Gas
—do — preferred
Mergenthaler Linotype
Reece Button Hole
Seattle Electric, pref.
The Pullman Co. The Pullman Co.
Torrington, Class A
Union Cop Land & Mfg.
United Fruit
Union Shoe Mach. Corp.
— do — preferred
United States Steel
— do — preferred

Unlisted Securities: Amer. Agric. Chemical
— do — preferred Amalgamated Copper American Sugar
— do — preferred
American Woolen American Woolen
—do — preferred
American Zine
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

Bonds: Bonds:

American Bell Telephone 4s

Amer. Telep. & Teleg. 4s

Amer. Telep. & Teleg.

con 4s

Amer. Tobacco 6s

Central Vermont 4s

Chicago, Burlington &

Quincy Jt. 4s

Chicago, Burlington &

Ouincy 4s Ill. Cheago, Burlington & Quincy 3t. 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 Telep. & Teleg. 5s

BOSTON CURB: Acme Consol. Ahmeek Amal. Nevada Argenta Arizpe Bay State Gas Beaver Carb Brentwood B. Columbia

Boston Curb, Continued. Bingham Mary Black Mountain Boston Ely Boswyocolo Butte Balaklala Butte Balaklala
Butte & Superior
Butte & London
Bullfrog Mining In.
Bullfrog Mining Cobalt Central
Consol Arizona
Cal & Sonora
Consol SS 4s
Chemung
Cumberland Ely Cumberland Ely Davis Daly Dominion Copper Douglas Copper Eagle & Blue Bell East Butte East Butte
El Para
Ely Witch
Eureka
Eureka, pref.
Foster Cobalt
First National
Geyser Geyser
Giroux Consol.
Globe Consol.
Goldfield & Boston
Goldfield Cons.
Gold Flor.
Gold King.
Gold Prince.
Greene Gold-Silver Greene Gold-Silver
— do — preferred
Hancock Hassayampa Helvetia Howell & Little Howell & Little Keweenaw Copper Kruger Copper & Silver Lake Copper Laramie Hahns Majestic Copper Mass Brewer McKinley—Dar. Micmac Gold Mexican Consol.
Mines of America
Nat. Min. & Ex.
Nevada-Utah Nipissing North Butte Ex. Ojibway 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.
Submarine Sig.
Superior & Boston
Superior & Pittsburg
Thunder Mt.
Tonopah
Troy Manhat.
Union Copper

Utah Apex Yukon Gold

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.

Bonds, Continued

Allegheny Valley 7s Atlantic City 5s Bethlehem Steel 6s Penna. Canal 6s Citizens St. of Indianap. 5s Choctaw & Memphis 5s Choctaw general 5s Consolidated Traction N. J. 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 — Rwys. 4½s,
coupon. Lenga — do — Annuity — do — Rwys. 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. Northern Central Ry. cons. Va½s — do — 5s, series A North Penn. 1st 4s People's Pass 1st 4s Penna. & Maryland Sveel 6s Penna. & Maryland Sveel 6s Penna. & West New Merican Cement Pennal Ry. cons. Stellettican Railways Pennal Stellettic North Pennal Stellettic North Pennal Stellettic Storage Pennal Ry Pork Cons. Traction New Jersey Cons. Pittsburg pref. Catawissa, 1st pref. — do — 2d preferred Delaware & Bound Brook Electric Storage Battery Fairmount Park Transportation General Asphalt, trust ctfs. Phila. Electric Gold 5s

-do - 4s

Phila. Company cons. 5s

-do - 1st 5s

Phila. Wilm. & Balt. 4s

1921

Farmount Park Transportation

General Asphalt, trust ctfs.

-do - preferred

Huntingdon & Broad Top.

-do - preferred

-do -6s, coupon -do -3½s, conv, 1915 Phila. & Reading cons 7s, coupon
— do — extended 4s, 1937
— do — gen. mtge. 4s
Schuylkill River East Side Steubenville & Indiana 5s Steubenville & Indiana 5s Union Traction of Ind. 5s United Railways 4s United Railways Inv. col 5s United States Steel 5s Union Traction Pittsburg Union Traction Free 58
Welsbach Co. collat. trust — do — preferreu Philadelphia Rapid Traction West Penn. 48
West New York & Pa. 1stPennsylvania Salt Penna. Steel

Swest New York & Pa. 48

West New York & Pa. 48

West New York & Pa. 48

Fenna Steel Penna Steel Penna Reprise Penna Steel Penna P

Stocks, Continued. International Powder Penna. gen. mtge 6s, reg, Insurance Co. of North America Keystone Telephone Lake Superior Lehigh Navigation Lenigh Navigation
—do —trust ctfs.
Lehigh Valley
Lit Brothers
Little Schuylkill
Marsden
Minehill & Schuylkill Haven Minehill & 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 Pennsylvania Salt do—preterred
Philadelphia Electric
Pennsylvania R. R.
Philadelphia & Erie
Railways General
Reading
— do—lst 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
Westmoreland Coal
Warwick Iron & Steel
West Jersey & Seashore
Wm. Cramp & Sons

Baltimore Stock Exchange.

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

Steam Railway Stocks: Steam Railway Stocks:

Alabama Great Southern, ordinary
— do — preferred
Atlan 'a & Charlotte
Atlan 'e Coast Line RR. Georg & Southern & Florida
— do — 1st preferred
— do — 2d preferred
— do — 2d preferred
Maryland & Pennsylvania
Nortl ern Central
Seabt ard Air Line
— do — preferred
Southern Ry, Veoting Trust
Southern Ry, preferred
Western Maryland RR.
West Virginia Central

Street Railway Stocks, Continged.

Lexington Street Ry.
Macon Ry, & Light
— do vot. trust ctfs.
Maryland Electric Ry. Co.
Newp'rt News & Old Pt.
— do — preferred
Oo.
Norfolk Ry. & Light
Norfolk St. RR. Co.
United Rys. & Electric Co.
common
— do — trust receipts
United Traction (Pitts-

Street Railway Stocks: Atlanta Consolidated St. Ry. Charleston Cons. Ry., Gas and Elec. Knoxville Traction

Street Railway Stocks, Con-Steam Railway Bonds, Continued.

Lexington Street Ry.
Macon Ry. & Light
— do — preferred
— do vot. trust ctfs.
Maryland Electric Ry. Co.
Newp'rt News & Old Pt.
— do — preferred
Norfolk & Ports. Traction
Co. United Traction (Pitts-burg)
— do — preferred

Steam Railway Bonds: Albany & Northern 5s, 1946

tinued.

Atlanta & Charlotte extd.

4½s, 1910

Atlantic Coast Line 4s, 1952

Atlantic Coast Line new 4s, certs., irredeem

Atlantic Coast Line of So. Carolina 4s, 1948

Atlantic & Danville 1st 4s, 1948 1948 Baltimore & Cumberland
Vy. RR. 1st 6s, 1929
Baltimore & Cumberland
Vy. Ry. 1st 6s, 1929
Baltimore & Cumberland
Ext. 1st 6s, 1931
Ext. 1st 6s, 1931 Baltimore & Harrisburg 1st 5s, 1936 Baltimore & Harrisburg West, Ext. 5s, 1938 Baltimore & Potomac Main Line 6s, 1911

Baltimore Stock Exchange.—Continued.

Baltimore & Potomac
Tunnel 6s, 1911
Carolina Central 4s, 1920
Charleston & Western Carolina 5s, 1946
Charlotte, Columbia & Aug.
ext. 5s, 1909
— do — sec., 7s, 1910

Street Railway Bonds, Continued
United Traction 5s (Pittsburg) 1997
West Virginia Central 6s, 1914
Western North. Carolina 6s, 1914
Wilmington. Columbia
Wilmington. Columbia Coal & Iron Ry. 5s, 1920 Columbia & Greenville 6s, Street Railway Bonds:

Street Railway Bonds:

Atlantic Coast Line of Conn. stock
Atlantic Coast 5s. 1947

Maryland & Pennsylvania 1st 4s, 1951

—do — 4s, 1941

Maryland & Pa. Terminal —do — No. Balto. Div. 5s, 1906

Norfolk & Carolina 1st 5s, —do — Central Passenger, - do — No. Balto, Div. 5s, 1942 - do — Central Passenger, 6s, 1912 - do — 5s, 1932 - do — ext. and imp. 5s, 1932 1939 -do - 2d 5s, 1946 Northern Central 4½s, Northern Central 4½s, — do — ext. and imp. 5s, — common—do—preferred — do — 5s, series A, 1926 — do — 5s, series B, 1926 — do — 5s, series B, 1926 — do — 6s, class B, 1928 — Charleston Cons. Ry., Gas G-B.—S. common — do — 6s, class B, 1928 — Elec. 5s, 1909 — G.—B.—S., first 4s, 1951 — Givien S. Ry., Lt. & Pow. 5s — of N. N. 1940 — G.—B.—S., incomes, 1951 — Houston Oil Company common — do — preferred — G.—B.—S., first 4s, 1951 — G.—B.—S. incomes, 1951 — Houston Oil Company common — do — preferred — do — do — preferred — do — preferred — do — preferred — do — pre Raleigh & Southport 5s, 1965 1965 Richmond & Danville gold 6s, 1915 Savannah, Florida & West-ern 6s, 1934 — do — 5s, 1934 Seaboard & Roanoke 5s, Norfolk Street Ry. 5s, 1944 Seaboard Company, new Richmond Traction 5s, 1925 Seaboard Company, new, 1845 Prefered Seaboard Company, 2d presented Company, Virginia Midland 2d 6s, 1911 1911
— do — 3d 6s, 1916
— do — 4th 3–4–5s, 1921
— do — 5th 5s, 1926
— do — gen. mtge., 1936
Western Maryland new 4s, Second Ave. Traction 5s, 1923
Second Ave. Traction 5s
(Pittsburg) 1934
United Rys. & Elec. Co.
first 4s, 1919
— do — incomes 1949
— do — fund, 5s, 1936

Alabama Consol. Coal & Iron 5s, 1933 American Caramel Co. — do — preferred American District Tel. Co. stock Atlantic Coast Line of

ore Traction 5s, 1929

- conv. 5s, 1906

- No. Balto. Div. 5s, common

- Central Passenger, Consolidation Coal refund.

4½s, 1934
Consolidated Cotton Duck
common
— do — preferred

Seaboard Company, 2d preferred

United Electric Light and Power 41/2s, 1929

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.

Stocks: American Can. — do — preferred
American Shipbuilding
Booth & Co.
— do — preferred Commonwealth Edison Canal and Dock Chicago Pneumatic Tool Chicago Subway
Chicago Telephone
Chicago Title & Trust
Chicago Union Trac. receipts

do preferred receipts — do — preferred receipts Chicago & Oak Park Elev.

Stocks, Continued. Diamond Match Diamond Match
Illinois Brick
Kan. City Ry. & Light
— do — preferred
Metropolitan L. pref.
National Biscuit
— do — preferred
National Carbon — do — preferred Northwestern L. pref. Quaker Oats — do — preferred Sears-Roebuck — do — preferred — do — preferred South Side Elev.

Stocks, Continued Street's Stable Car — do — preferred Swift & Co. United Boxboard — do — preferred West Chicago receipts

Bonds: Cass Avenue 5s Chicago City Ry. 5s Chicago Gas 5s Chicago Pneumatic Tool 5s Chicago Rys. col. 6s Chicago Rys. con. 4s B Chicago Rys. con. 4s A

Chicago Stock Exchange.—Continued.

Bonds, Continued.

Bonds, Continued.

Bonds, Continued. Chicago Rys. 5s Consumers' Gas 5s Ogden Gas 5s Ogden Gas 5s 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 bon s listed on the Pittsburg Stock Exchange and which will be included in the Quotation Charts, showing range of prices by weeks.

Stocks: Amalgamated Copper. Cable Consolidated Cent. Dist. & Printing Tel. Crucible Steel
--- do --- preferred
Fire Proof Fire Proof

— do — preferred

Harbison-Walker Refrac.

— do — preferred

Independence Brewing

— do — preferred

Interior Mining

Manufrs, Light & Heat Marsden Mt. Tritle Copper Ohio Fuel Peoples Pipeage Pittsburg Brewing — do — preferred Pittsburg Coal — do — preferred

Stocks, Continued. Pittsburg Consolidated Pittsburg Plate Glass River Coal —do — preferred Sewer Pipe Shoshone Standard Und. Cable Standard Und, Cable Tonopah Extension Union Switch United States Steel — do — preferred West Penn. — do — preferred West. Air Brake West. Electric 2ds

Bonds: Harbison-Walker Refrac. 5s Pittsburg Brewing 6s West Penn. 5s

Pittsburg Curb: Kansas Natural Gas Union Natural Gas Fayette County Gas Pure Oil Wichita Natural Gas Co. Wichita Natural Gas Co. Mt. Elliott Pittsburg Lead Mining J. B. Sipe Mining Co. Pure Oil pref. Pure Oil Producing Pbg. & Butler Street Ry. Golden Anchor Mining Co. Carnegie Coal Black Hills Copper (Ariz.) Trade Dollar Pittsburg Silver Peak Lustre M. & S. Co. San Toy 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.

Stocks: Stocks, Continued. Aurora, Elgin & Chicago Am. Shipbuilding Co. pref.
RR. — do — preferred — do — preferred — do — preferred Cleveland Electric Ry. Cleveland Ry. — Kansas City Breweries — Margar Co. San. Brew. Co. 1st — mtge. Cleve. & San. Brew. Co. 1st — mtge. Cle — do — preferred Cleveland Electric Ry. Cleveland Ry. No. O. Trac. & Light Co. Cuyahoga Tel. Co. Cuyahoga Tel. Co. W., B. & A. St. Pg. ctfs. Aurora, Elgin & Chicago 5s American Shipbuilding Co. N. O. Tr. & Lt. Co. 4s

Bonds, Continued. odo – 2d 5s Cleve. & San. Brew. Co. 1st mtge., gold 6s Kansas City Brewing 6s Stark-Tusc. Brew. 6s Cuyahoga Telephone 5s United States Telephone 5s

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.

City Railroad Stocks: American Cities Ry.

—do—preferred
Little Rock Ry. & Light
Co. Com.
—do—preferred
Memphis Street Ry.
—do—preferred
N. O. Railway & Light Co.
—do—preferred

Miscellaneous Stocks: Crescent City S. Y. & S. H. Co. Cumberland Tel. & Tel. Co. D. H. Holmes Co., Ltd. Friscoville Realty Co. Maison Blanche, Ltd. National Realty Co., Ltd.

Miscellaneous Stocks, Con-

Railroad Bonds:

Railroad Bonds, Con-

Railroad Bonds:

Birmingham Ry., Light & Miscellaneous Bonds:
Power Co., gen. mtge. ref.
Canal and Cleiborne R.R.
1st mtge. (gold)
Little Rock Ry. and Electric Co. (gold)
Nashville Ry. and Light Co.

Kashville Ry. and Light Co.

Line Milse mtge. (gold)
Memphis Railway 5s
N. O. Real Estate Mtge. & Sec. Co. bonds
Nashville Ry. and Light Co.

Kashville Ry. and Light Co.
Co. & Cs

8.—The Course of the Market, as shown by Daily Range of Prices from Opening to Closing.

1	THE WEEKS	les	Marie C	1	Sept.	T				1			H.		With the		,60 au	lime)_dfio	N ma	West	-018	Charle	9491	notes x86	000
	COVERING	k, Sh		Mond	ay	141		Tues	day	top	000	Wedne	sday	200		Thurs	day	Harris		Frid	ау	207		Saturo	day	
Ending	Mon. Tue. Wed. Thu. Fri. Sat.	Total Sales of Week, Shares, 00 omitted	0	н	L	С	0	н	L	C	0	н	L	C	0	Н	L	С	0	н	L	C	0	н	L	(
malga	mated Copper	Co.	arts	10 0	oits	tou	91	i) n	i bo	buls	in	No.	-	also	in inn	00	1881	See	partent	PERT A	8	TRUE O	THEY BOX	77.5	- KERDIG	
" 1	4 30 31 1 2 3 4 1 6 7 8 9 10 11 8 13 14 15 16 17 18 5 20 21 22 23 24 25	207,6	471- 487- 504- 521-	483- 501- 521- 531-	471- 481- 498- 511-	49 524	48 - 491- 52 - 511-	50 -	465 487 52 - 491	491	49 - 53½ 49½	Holie 493- 533- 507-	481 521	53	49 - 521 497 498	50 ³ / ₂ 52 ¹ / ₂ 50 ¹ / ₂	487 501 491	518	481 507 501 493 498	518-	491-	513	513-	491- 501- 53 - 491-	511-	-
nerica	an Smelting &	Refinin	g Co	.PI																						
" 1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	212,4	783-	75 - 78%-	73 -	73§	741-	723- 758- 781- 67-	738-	737		Holi- 748- 791- 668	731-	73½ 77½ 65½	741- 78 - 661-	76½ 78 - 66¼	74 - 731- 628-	763 74 623	723- 77 - 73 - 63 -	73½- 78 - 74 - 63§-	713- 753- 713- 628-	723 755 735 631	731-		70%-	
chison	n, Topeka & S	anta F	e Ry	Co.	-Cor	nmo	n																			
" 1	4 30 31 1 2 3 4 1 6 7 8 9 10 11 8 13 14 15 16 17 18 5 20 21 22 23 24 28	64,6	693-	711- 711- 731- 741-	698-	70½ 73½	711- 701- 731- 73 -	708-	691 681 721 711	698	69 - 74½ 71¾	741	681 721	734	731-	70 - 701- 731- 721-	713-	701	698- 701- 721- 718-	701- 71- 731- 711-	713-	69½ 73	691-	701	698- 681- 738- 71-	
ookly	n Rapid Trans	it Co.																								
" 11	$egin{array}{c ccccccccccccccccccccccccccccccccccc$	70.5	39½- 40¾- 43¼- 47¼-		408-	3934 4034 4314 453	40 - 411- 438- 451-	411-	39 - 401- 421- 44 -	401	40½ 43½ 44 -		39§- 43 -	443	39½- 40 - 45 - 45 -	421-	383- 40 - 431-	40 428 448 448	393- 431- 431- 44-	411- 431- 461- 441-	398- 411- 431- 431-		417-	471-	411	

9.—Alphabetical List of all Companies showing Share Capital, Annual Meetings, Dividends, Transfer Agents, Registrars of Stock, General Offices and Cable—Tel. Code.—Section 1—Steam Railroads.

	CAI	PITAL	STOCK		by week	DIVIDENDS. PAID	opalita or susual Record China G	Half Tonk of Workshift	
NAME OF COMPANY	PAR VALUE AND DESCRIP-	Where	AMOUNT OUT- STANDING	Year Ends Last Day of	ANNUAL MEETING— WHEN HELD	Quarters Beginning	Transfer Agent and Registrar of Stock T—Transfer Agent R—Registrar of Stock	GENERAL OFFICE	CABLE- TEL. CODE WORD
Aberdeen & Asheboro Ry. — & Rockfish RR. Addison & Susquehanna RR. Addison RR. Akron & Barberton Belt RR. Alabama & Tombigbee RR. — & Vicksburg Ry. — Gt. Southern RR. Alamogordo & Sacra. Mtn. Ry. Alaska Central RR. Albany & Northern Ry. — & Susquehanna RR. — & Vermont RR. Alberta Ry. & Irrigation Co Albia & Centerville Ry. Algoma Cent. & Hud. Bay Ry. Algoma Cent. & Hud. Bay Ry. — & Western Ry. — Terminal Ry. — Terminal Ry. — Valley Ry. Allentown RR.	\$\ 100 com. \$\ 100 com. \$\ 50 com. \$\ 100 com. \$\ 50 com. \$\ 100 c	Bal. N.Y.	250,000 100,000 100,000 100,000 0,000 1,050,000 7,330,000 3,880,350 900,000 3,500,000 400,000 10,000,000 50,000 3,250,000 3,250,000 3,250,000	Jun	June-4th Wed. May-1st Mon. October. April-2d Tues. Feb-2d Wed. Nov-1st Mon. Oct-1st Wed. Sept-2 Tues. Mar-1st Tues. At Directors call. Oct-3d Tues. Oct-3d Tues. Oct-3d Tues. Oct-1st Wed. Sep-1st Fri. after 1st Thus. April-1st Mon. Jan-2d Mon. Jan-2d Mon. Jan-2d Mon. Jan-2d Mon.	A O A J D J D M N Irregular J J	T&R—Treasurer of Company None. None T&R—Treasurer of Company T&R—Secretary of Company T—Sec.; R—Cent. Tr. Co., N. Y. T—Secretary; R—none. None. T—T. E. Hambleton, Balto., Md. T—Perry Townsend, M. H. Me- Pherson, N. Y.; R—none. T—Secretary of Com; R—none T—Secretary of Com; R—none T—Secretary of Com; R—none T—A. Iselin & Co.; R—Guar. Tr. Co., N. Y.	Aberdeen, N. C. Buffalo, N. Y. Rutland, Vt. Barberton, O. Fulton, Ala. Jackson, Miss. Birmingham, Ala. Alamogordo, N. M. Albany, Ga. Albany, Ga. Albany, N. Y. Troy, N. Y. London, Eng. New York, N. Y. S. St. Marie, Ont. Pittsburgh, Pa. Ridgway, Pa. Ridgway, Pa. Philadelphia, Pa. Philadelphia, Pa.	In Preparation

10.—Capitalization, Earnings, Net Income, Interest and Dividend Payments—Steam Railroads, 1907-8.

No.		p	CAPITAL	Зтоск	Fu	NDED DEI	вт	E		RNINGS, YEAR IN 1907 OR		NET	PAYM	ENTS	SURPLUS
INDEX	Name of Company	Miles	Total	Per mile	Total including miscel- laneous	Total per mile	Mortgage Bonds	Year Ends	R. R. Oper.	Gross	Net	INCOME	Interest	Divi- dends	OR DEFICIT
	Abbotsford & Northeastern R.R Aberdeen & Asheboro R.R — & Rockfish R.R	m 15 76 49	\$ 120,000 250,000 100,000	\$ 7,916 3,268 2,020	\$ 112,000 69,000 80,000	7,388 901 16,16	\$ 112,000 69,000 80,000	Jun	82	\$ 34,574 175,654 81,271	\$ 12,182 21,232 26,591	\$ 12,184 21,232 26,591	\$ 8,446 6,516 6,548	\$ 15,600 61,228	\$ 3,738 d884 d4,188

11.—Meany's Simplified Quick Reference Bond List—Section 1—Steam Railroads.

Note.—Explanation of Columns B, C, D, E under General Description: B, Denomination—a, \$100; b, \$500; c, \$1,000; d, \$100 and \$1,000; e, \$500 and \$1,000; f, \$1,000 and multiples; C, Form—g, coupon; h, coupon with privilege of registration as to principal; i, coupon with full registration privilege; j, registered; k, coupon and reg. i, reg. exch. for coup; D, principal and interest payable in — m, lawful money; n, gold; o, currency; E, Where Listed — p, New York; q. Boston; r, Philadelphia; s, Baltimore; t, Chicago; u, Pittsburgh; v, Cleveland; w, New Orleans; x, London; y, New York and London.

No.	GENERAL DESCRIPTION: For Explanation of Sub-Divisions, see Note, above.	DATE OF MATURITY	Amou		INTEREST—ANNUAL RATE, MONTHS PAID; WHERE PAID	TRUSTEE OF BONDS For name and address of Regis-	CABLE- TEL.
INDEX	A—Title and Rank of Bond and Year of Issue B C D I	pulsong of	Total Co	oad Aver. per red mile	Rate Mos. Where Paid	trars of Bonds, see footnote.	CODE
In Preparation	— & Tombighee Vy. 1st. 1907	. Apr 1, 1921. Oct 1, 1936. Apr 1, 1936. Jan 1, 1946. Mar 1, 1937. Jul 1, 1957. Jul 1, 1957. Jul 1, 1957. Jul 1, 1957. Jul 1, 1958. Jul 1, 1995. Jul 1, 1995. Jun 1, 1955. Jun 1, 1957. Jun	89,000 425,000 1,038,000 1,038,000 1,000,000 1,88,800 1,840,000 262,000 4,000,000 1,2860,000	† 34.0 12.500 23.4 44.359 42.8 7.004 42.8 4.124 42.8 3.250 29.0 9.039 14.3 35,000 36.7 10,905 8.0 25,000 † † † 10,000 22.0 13,599 82.0 40,000	Col. Tr. & Sav. Bk., Chicago. 5 MS 40 Wall St., New York. 4 J D Trustee's office. 6 AO Central Trust Co., New York 5 AO Trustee's office. 5 AO Trustee's office. 5 AO Trustee's office. 6 AO (Western Tr. & S. B., Chi. 7 AU (Western Tr. & S. B., Chi. 8 Bankers Trust Co., N. Y., 8 and Trustee's office. 6 J J Trustee's office. 7 J Trustee's office. 8 J Trustee's office. 9 J Trustee's office. 4 J Trustee's office. 4 Trustee's office. 4 AO 5 Nassau St., New York. 4 MN 6 J D 7	U. S. Mtg. & Tr. T. & R. Farmers' L. & T. Co., New York Central Tr. Co., New York Knickerbocker Tr. Co., N. Y. Western Tr. & S. B. F. S. Hambleton, Balto H. P. Talmadge, New York	In Preparation
0	- (i) S. F. &S. J.V. Ry. 1st sf. '96 c g n i) East Okla. Div. 1st, 1903. c i n k. S. F. P. & P. Ry. 1st, 1892. c h m. Cane Belt RR. 1st, 1898. c h n n. (m) Cane Belt RR. 1st, 1991. c h n. (n) G. B. & K. C. Ry. 1st sf. '93 b g n do G. B. & K. C. Ry. 2d, 1893 b g n	Mar 1, 1928 Sep 1, 1942 Apr 1, 1928 Jun 1, 1921 Aug 1, 1913	9,603,000 4,940,000 224,000 750,000 618,000	en med	4 MS " "	Guaranty Tr. Co., New York, Mercantile Tr. Co., New York, Central Tr. Co., New York, Lincoln Tr. Co., St. Louis, American Loan & T. Co., Boston.	14.

^{*}Authorized.

†Road under construction.

‡Subscribed for.

||Subscribed for; \$300,000 outstanding July 1, 1908; 30 m. completed.

12.—Gross and Net Earnings of Leading Steam Railroads by Months, Quarters and other Periods for a Series of Years—('00 Omitted.)

49 -140 20	larters	and	other	Per	ods	ior	a 5	erie	s or	Ie	ars	(00	01	nitt	ea.)	OP ROLL
Year	Jan Fel	o. March	Jan. 1 to Date Apr	il May	June	Jan. 1 to Date	July 1 to Date	July	August	Sept.	Jan 1 to Date	Oct.	Nov.	Dec.	Jan 1 to Date	July 1 to Date
Atchison, To	ppeka & Sa	nta Fe R	y.—Gross Ear	nings	(B) (C)	BE I		ND -000		202- 2		1	id m	N -154	THE PARTY OF THE P	Village .
1899 1900 1901 1902 1903 1904 1905 1906 1907 1908	\$ 3,228.3 2,95 3,678.8 3,51 4,416.8 4,14 4,878.1 4,27 5,376.9 4,82 5,407.7 4,66 6,764.9 6,7 7,695.2 7,35 7,316.6 6,75	7,9 3,869,1 2,9 4,638,7 7,4 4,794,2 9,2 5,257,3 6,8 5,529,5 9,3 5,960,9 1,8 6,939,5	11,065,6 3,80 13,198,4 4,87 13,949,7 4,95 15,464,0 5,48 16,283,6 5,61 16,037,9 5,98 20,416,2 6,74 23,427,0 8,42	8,4 3,983,5 4,7 4,837,4 3,2 4,911,3 9,1 5,215,1 9,2 5,338,4 6,8 5,845,2 6,8 7,041,2 9,3 8,393,8	3,846,1 4,617,4 4,444,2 4,487,6 5,117,4 5,880,6 6,728,6 7,856,5	\$ 19,425,7 22,703,6 427,527,9 228,258,4 33,0655,8 432,358,6 33,760,5 040,932,2 48,106,9	46,232,0 54,474,8 59,135,0 62,350,3 68,171,2 68,375,8 80,801,0	3,697,0 4,763,5 4,596,7 5,386,5 4,742,8 5,868,7 6,640,6	4,253,8 4,941,0 4,858,2 5,594,7 6,156,9	4,389, 5,012, 5,141, 5,870, 6,156, 6,669, 7,401,	\$ 3 30,154,9 5 35,043,9 2 42,244,6 0 42,854,3 8 47,507,8 3 48,702,0 7 52,455,8 4 62,225,7 1 72,112,3	5,070,4 5,390,9 5,910,9 6,576,0 5,549,3 7,029,4 8,462,8	4,779,0 5,439,5 5,648,1 6,348,3 6,487,0 7,142,3 7,916,4	4,756, 5,328, 5,539, 6,035, 6,235, 7,001, 7,903,	\$6 42,953,6 49,649,953,859,953,766,467,1 66,973,2 73,628,586,508,4 96,846,	9 26,946, 9 30,876, 1 31,694, 8 35,812, 4 34,614, 7 39,868, 4 45,576,
Atchison, To	ppeka & Sa	nta Fe R	y.—Net Earni	ngs												
1899 1900 1901 1902 1902 1903 1904 1905 1906 1907	1,466,7 1,34 1,749,1 1,51 1,990,2 1,69 2,029,9 1,72	0,2 1,752,9 06,7 2,059,1 27,5 1,815,5 37,7 2,057,0 07,1 2,015,9 33,5 2,526,2 36,4 3,106,5	3 4,444,0 1,56 5,012,2 2,01 5,746,0 2,10 5,572,9 2,19 0 5,802,0 2,14 4,691,4 2,11 7,605,6 2,46	1.6 1,777,0 0,2 2,038,8 5,7 2,070,2 6,9 2,027,3 2,9 1,816,5 8,8 1,774,9 0,8 2,556,3 4,4 2,914,8	1,584,9 2,139,1 1,831,1 1,189,7 1,569,5 1,692,8 2,741,0 2,932,6		25,225,8 23,913,2 25,949,1 22,858,4 30,792,5	1,322,4 1,993,2 1,666,3 1,963,2 1,356,8 2,003,6 2,458,6	1,526,3 2,069,2 1,790,1 2,151,7 1,913,8 2,139,5	1,769, 2,201, 1,950, 2,489, 2,598, 2,696, 2,883,	0 10,231,2 1 13,985,3 7 17,464,4 2 17,159,6 1 17,590,8 1 17,199,6 6 17,117,6 9 23,619,3 8 24,514,2	2,241,4 2,407,6 2,670,8 3,005,9 1,771,3 2,885,4 3,692,6	2,489,2 2,515,8 2,769,1 2,699,8 2,996,3 3,121,2	2,080, 2,311, 2,332, 2,238, 2,240, 2,706, 2,711,	5 15,859, 9 20,378, 3 24,672, 8 24,679, 9 25,604, 5 23,910, 8 35,706, 3 33,144, 9 31,461,	6 1,011, 5 3,472, 0 2,926, 7 4,617, 9 2,580, 1 15,428, 4 17,780,
Baltimore &	Ohio RR.	-Gross Ear	nings													
1901 1902 1903 1904 1905 1906 1907	4,813,2 4,48 4,410,8 4,63 5,158,1 4,74 6,573,4 5,80 6,365,5 5,93	31,4 5,410,3 34,8 5,483,8 44,6 5,910,6 02,5 6,711,0 39,2 6,493,2		3,5 5,840, 4,7 6,817,0 7,6 7,370,0	5,837, 5,381, 5,768, 6,572, 7,196,	2 28,058, 4 31,788, 8 30,655, 1 33,145, 8 38,781, 0 40,472,	63,470,7 65,071,0 67,689,9 4 77,392,0	5,864, 5,274, 5,768, 6,544,	8 5.551,9 4 5.989,4 5 5.870,3 8 6,398,0	5,432, 6,028, 6,048, 6,547, 7,077,	9 9 40,222,6 0 49,670,7 7 47,848,8 8 51,859,6 8 59,585,0 0 62,913,5	6,024,4 6,181,0 6,853,7 7,321,4	5.029. 5.319. 5.757. 6,591.	9 4,951, 8 5,189, 7 5,412, 3 6,450, 9 6,720	8 55,739, 2 66,204, 2 65,199,	34,415, 34,544, 138,610, 341,770
Baltimore &	Ohio RR.	-Net Earni	ngs							PLE						
1901 1902 1903 1904 1905 1906 1907	871.7 1.16 1.354.2 1.30 2.447.9 1.87 2.000.4 1.46	75.2 1,996,6 60.4 1,708,2 12.0 1,971,0 74,3 2,488,8 32,3 1,619,3	5,028,2 2,02 2,3,740,3 1,63 4,627,2 1,78 3,6,811,0 2,23	7,8 2,236,8 1,0 1,479,6 9,9 1,807,2 7,4 2,289,1 8,7 2,451,6	2,389,1 1,861,6 1,854,8 2,351,1 2,448,1	7 9,336,5 7 11,682,5 6 18,712,5 8 10,079,1 6 13,689,0 2 2,420,5	21,442,2 22,979,3 27,876,8	2,324,1 1,848,1 2,017,9 2,196,1	8 2,142,1 2 2,434,6 8 2,384,2 9 2,429,1 8 2,672,6	2,132, 2,412, 2,518, 2,555, 2,665,	2 1 15,623,5 3 18,853,6 4 15,463,5 3 17,081,4 9 21,224,3,1 19,819,4	2,298,1 2,499,2 2,541,9 2,635,7	1,874, 1,697, 2,1,995, 2,245, 7,2,449,	1,810 1,563 7 1,653 2 2,398 0 2,322	21,539 ,024,411 ,521,612 ,124,266 ,928,631 ,425,409	7 12,729 3 12,899 6 14,187 9 14,942

13.-Dividends Paid by Steam Railroad Companies-1902 to 1908.

	NAME OF COMPANY AND DESCRIPTION OF STOCK	DIVIDENDS PAID	1902	1903	1904	1905	1906	1907	1902 to 1907	1908	
EX No.	A-Name of Co. and Stock. B-Books close before — days. C-Period: Quar. or S. Ann. D-Day of Month.	Quarters Beginning	Quarters Beginning	Quarters Beginning	Quarters Beginning	Quarters Beginning	Quarters Beginning	Quarters Beginning	Full Years	Quarter Beg'ng	Last Div- idend Paid 1908
INDEX	A.—Name of Co. and B C D	JAJO	J A J O	J A J O	J A J O	J A J O	JAJO	J A J O	'2 '3 '4 '5 '6 '7	JAJ	
In Preparation.	Atch., Top & Sta. Fe 15 sa 1 do pref 15 sa 10 do pref 16 sa 10 sa	J D D F A D M S S D M S S D M J S D D J A J O D D J A J O D D J A J O D D J A J O D D J A J O D D J A J O D D J A J O D D J A J O D D J A J O O D D D D D D D D D D D D D D D D D	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 3 3 4 3 4 3 4 4 4 4	2	2 2 3 2 3 2 2 2 2 2 2 3 3 3 2 3 2 2 2 2	3 3 2 3 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	6 4 4 4 4 2 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3 2½ 3 3 2½ 3 3 2½ 3 3 2½ 3 3 2½ 3 1 3 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½ 1½	Jun Aug Jul May May May Jul Jul Jun Apr Jul Jul Jun Apr Jul Jul Jun Apr Jul Jul Apr Jul Jun Apr Jul Apr Jul Apr Jul Apr Jul Apr Jul Apr Jul Apr May Jul Apr

14. Dividends Paid by Leading Companies in Month of July, 1899 to 1907, inclusive, and range of prices of stocks in same months.

		1899		1900		1901		1902		1903		1904		1905		1906		1907
NAME OF COMPANY	Div.	RANGE	Div.	RANGE	Div.	RANGE	Div.	RANGE	Div.	RANGE	Div.	RANGE	Div.	RANGE	Div.	RANGE	Div.	RANGE
*American Telep. & Teleg. Co. Atlantic Coast Line RR. Boston & Maine RR. Clev., Cin., Chi. & St. L. Ry. pref Den, & Rio G. RR. pref General Electric Co. Hocking Valley Ry. do — preferred Lehigh Valley RR. (per	pc !\frac{1}{2} !\frac{1}{4} 2 !\frac{1}{2}	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	pc. 24 134 114 2 212 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	pc. 214 1234 114 12 2 12 2 12 2	$\begin{array}{c} H & L \\ 164\frac{1}{2} - 153 \\ \vdots \\ 194\frac{1}{2} - 192 \\ 118\frac{1}{2} - 116 \\ 97\frac{1}{8} - 87\frac{3}{4} \\ 268\frac{3}{4} - 245 \\ 54 - 49 \\ 76\frac{5}{8} - 73 \\ \end{array}$	pc. 214 2 134 114 212 2 112 2	$\begin{array}{c} H & L \\ 167\frac{1}{2} - 163 \\ 203 & -109 \\ 122 & -122 \\ 95\frac{1}{8} - 90 \\ 315 - +181\frac{3}{4} \\ 96 & -84\frac{3}{4} \\ 93 & -89\frac{3}{4} \end{array}$	pc. 214 212 114 212 2 112 2	$\begin{array}{c} H & L \\ 134\frac{1}{2} - 128 \\ 173 & -167 \\ 100 & -100 \\ 83\frac{1}{4} - 76\frac{1}{2} \\ 177 & -153 \\ 94\frac{1}{2} - 71 \\ 92 & -80 \\ \end{array}$	21	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	pc. 21/4 21/2 11/4 21/2 2 11/2 2	$\begin{array}{c} H & L \\ 140 - 137\frac{3}{4} \\ 164\frac{1}{2} - 155 \\ 180 - 175\frac{1}{2} \\ 120 - 115\frac{1}{4} \\ 87\frac{1}{8} - 85\frac{1}{2} \\ 180\frac{3}{4} - 172 \\ 91 - 91 \\ 93\frac{1}{2} - 92\frac{3}{4} \end{array}$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 134 144 212 2 2	H L 110 - 106 100
share \$50). Aine Central RR. detropolitan St. Ry. (N. Y.) finneapolis & St. Louis RR. do — preferred. Y. Y. Central & H. R. RR. cock Island Co. preferred. St. L. & San Fran. 1st pref. win City R. T. Co. pref. Vestern Union Telegraph Co.	1 1 2 1 2 1 2 1 1 4 1 4 1 4 1 4 1 4 1 4	27% - 26% - 168 - 160 227% - †20% 58 - 54 92 - 89% 141 - 136%	1 1 1 1 2 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1	$\begin{array}{c} 26\frac{1}{2} - 25\frac{1}{8} \\ 159 - 158 \\ 158\frac{1}{4} - 146 \\ 57 - 47\frac{1}{4} \\ 94 - 90\frac{1}{2} \\ 131 - 127\frac{1}{2} \\ 68\frac{1}{2} - 66 \\ 80\frac{3}{4} - 78\frac{3}{4} \end{array}$	1 1 2 1 2 1 2 1 4 2 2 1 4 4 1 4 1 4 1 4	$\begin{array}{c} 38\frac{1}{2} - 34\frac{3}{4} \\ 168\frac{1}{2} - 168\frac{1}{2} \\ 174 - 164 \\ 111\frac{1}{4} - 101 \\ 115\frac{1}{2} - 111 \\ 158\frac{3}{4} - 148 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	1 2 2 2 2 1 4	$\begin{array}{c} 34\frac{7}{8} - 33\frac{3}{4} \\ 178\frac{1}{2} - 178\frac{1}{2} \\ 152 - 147\frac{1}{2} \\ 114 - 111 \\ 127\frac{1}{4} - 123\frac{3}{4} \\ 167\frac{3}{4} - 154\frac{1}{2} \\ \\ 90 - 82\frac{7}{8} \\ \\ 88\frac{3}{4} - 84\frac{3}{4} \end{array}$	12344-121-12 22-121-12 1 34-14	$\begin{array}{c} 42\frac{1}{2} - 38\frac{1}{2} \\ 174 - 173\frac{1}{2} \\ 123\frac{3}{4} - 112 \\ 83\frac{1}{4} - 58\frac{1}{2} \\ 110 - 85\frac{1}{2} \\ 127\frac{1}{2} - 112\frac{1}{2} \\ 73 - 60\frac{1}{2} \\ 73 - 73 \\ \hline \\ 85\frac{1}{2} - 82 \end{array}$	134 212 114 1	$\begin{array}{c} 120\frac{5}{8} - 115 \\ 67\frac{3}{4} - 63\frac{1}{2} \\ 70 - 70 \\ 159\frac{1}{2} - 159\frac{1}{2} \end{array}$	13434	648-611 131-125 62-60 92-92 1498-1431 778-743 782-77 938-923	13		3 13434 134 1212 1212 13414 144	65 - 6 195 - 19 91 - 9 42 ³ - 3 82 ⁴ - 7 114 ³ - 11 48 ³ - 4 65 ³ - 6

^{*} Dividends include 3% extra in 1900–1905. †Ex-rights. ‡J. P. Morgan & Co.'s receipts for common and preferred stock

15. Dividends Paid by Leading Companies for a Series of Years.

DIVIDENDS, WHEN PAID QUARTERS BEGINNING J A J O CAPITAL STOCK OF CLOSE OF FISCAL YEAR—DATE FOLLOWS NAME	RANGE OF PRICES FIRST SECOND HALF HALF YEAR H L H L	Dividends, When Paid Quarters Beginning J A J O	CAPITAL STOCK AT CLOSE OF FISCAL YEAR DATE FOLLOWS NAME	RANGE OF PRICES FIRST SECOND HALF YEAR H L H L	DIVIDENDS, WHEN PAID QUARTERS BEGINNING	CAPITAL STOCK AT CLOSE OF FISCAL YEAR DATE FOLLOWS NAME	FIRST SECOND HALF YEAR H L H L
Atchison, Topeka & Santa Fe- Year ends June 30.	pref. \$100.	Chicago, Mi wauke Year ends June 3		l—com. \$100.	New York Centra Year ends Dec.		R.—com. \$100.
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	28 to 19 27 1 1 4 to state 2 2 1 2 1 2 1 2 2 1 2 2 1 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	47,146,600 55,821,800 58,183,900	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1896	100,000,000	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

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.
- 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 Rail-roads 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 One Issue of Each Special Supplement, to wit: Steam Railroad Supplement; Electric Railway Supplement and Industrial Supplement
- 3—INVESTORS BULLETIN AND CHRONICLE, Combining Special Supplements, Described Above, Covering Twelve Monthly Auxiliary and Two Semi-Annual Issues of Each Special Supplement, to wit: Steam Railroad Supplement, Electric Railway Supplement and Industrial Supplement.

Inv. P. Meany

Steam Kailroads Electric Kailroads and other Public Utilities WERCAN INVESTMENT CORPORATION REPORT Comprehensively Summarized in Miscellaneous Judustrial 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

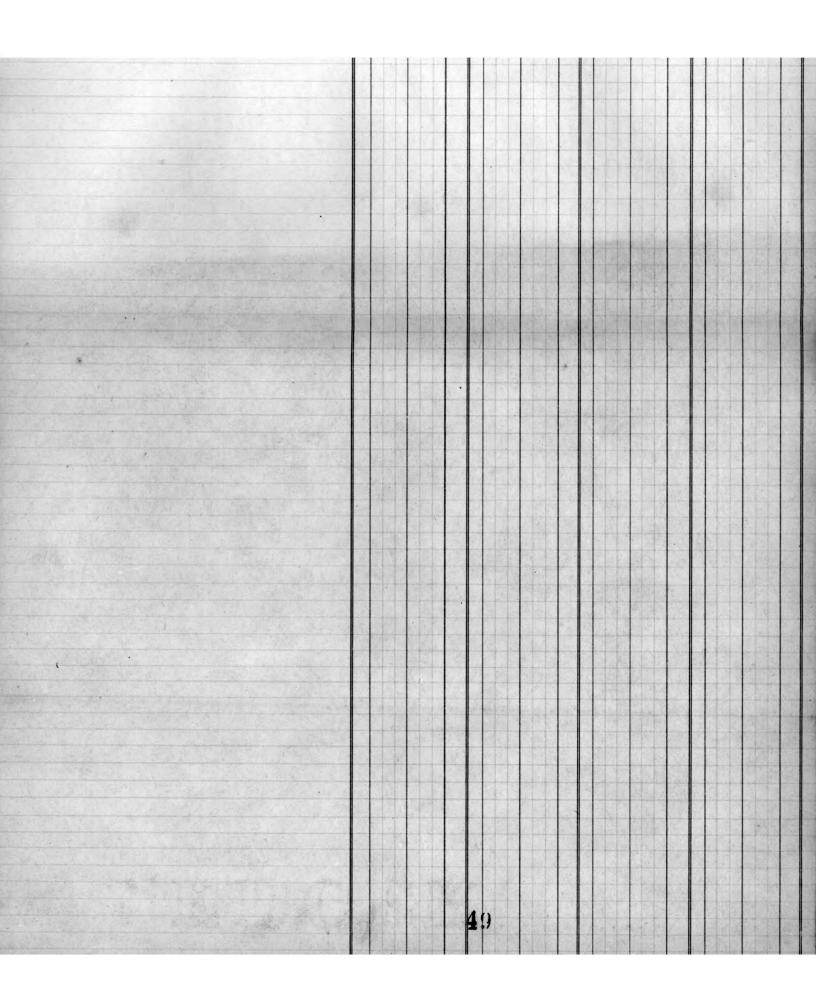
Embodying (1) The skillful assembling of railroad and other statistics and their presentation in comprehensive groupings—collectively as well as individually; (2) The alert watchfulness that ever makes past achievements seem incomplete; (3) The conscientious acumen that scrutinizes with equal care the 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, $9x11\frac{1}{2}$ inches; of printed page, $7\frac{1}{2}x10\frac{1}{4}$ 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



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, 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
Hermon A. Kellery
Homer H. M. Keehan
Horace Andrews
Gustav von den Steinen
Walter C. Merrick
William B. Gtewart
George W. Cottrell
Julian W. Tyler
Richard Inglis

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

RECTIVED

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 Rudrews

RECTIVED

JAN 18 1999

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.

more of your carriers which were on a fight route for the season,

the the sweeters amountains In the Tourits. " In pasts there !

In case as corrier was on a fixed route, fill out the blank, surely-

J. H. Sheadle,
Secretary.

h one hank co-shararrest r

Inspector.

(2 lune.)

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.

RECEIVED

JAN 14 1909

ACK. ANS

Gentlemen:

Cleveland Cliffs Iron Co.,

Cleveland, Ohio.

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.

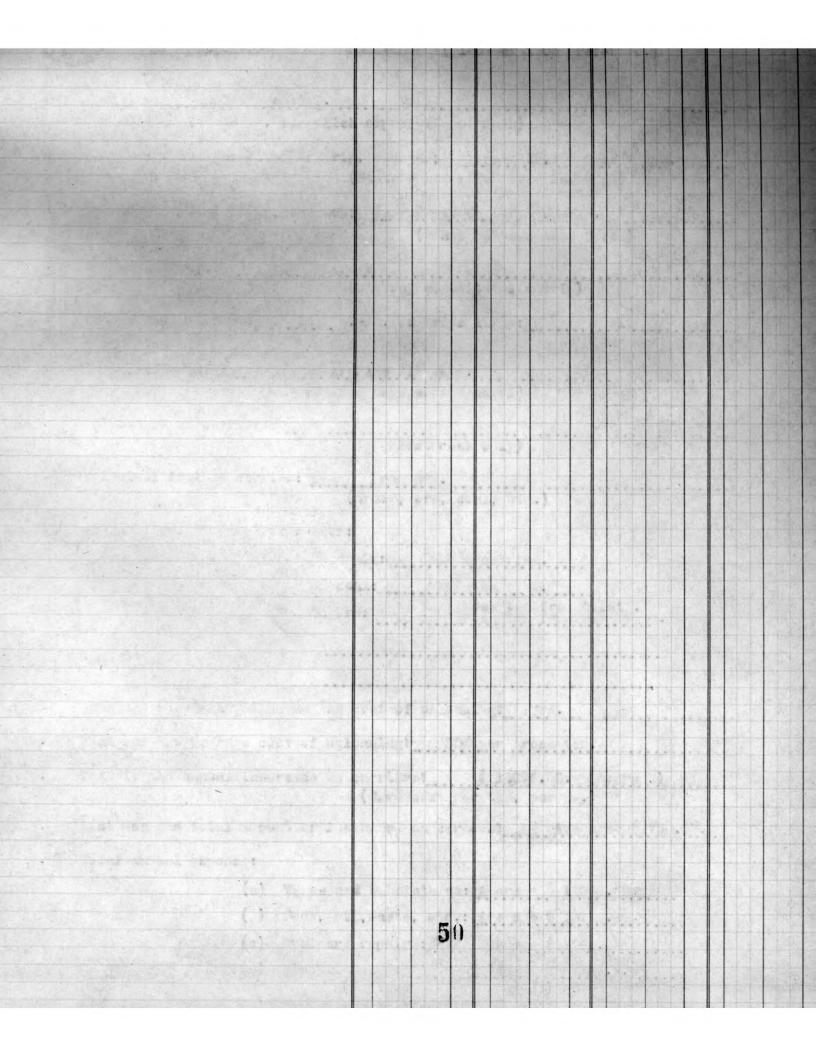
(2 incs.)

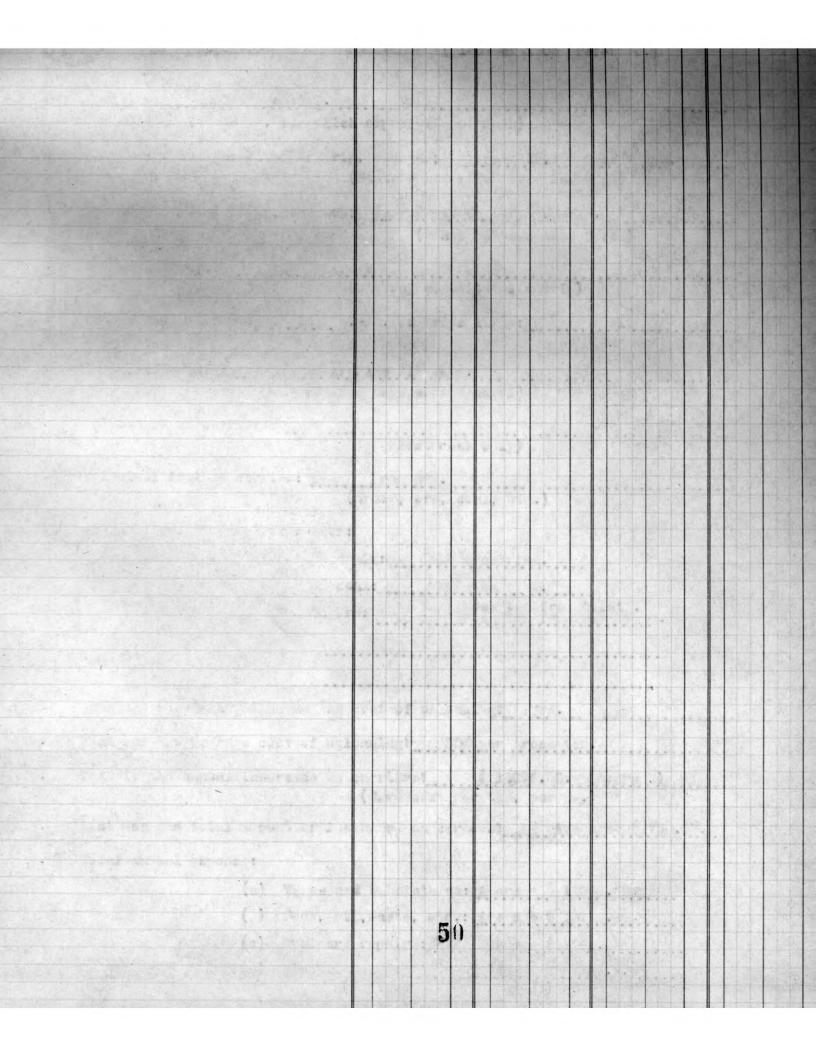
W

SEASON'S EXPENSE AND Se as on

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 6No. 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.
11.	Does the above rate include the cost of unloading? Yes.
12.	What was the average cost of unloading? 20d 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.





Ath Fiel in in rule for Men Mer

U. S. DEPARTMENT OF AGRICULTURE FOREST SERVICE

CONSUMPTION OF WOOD FOR FUEL, 1908

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

Dear Sir:

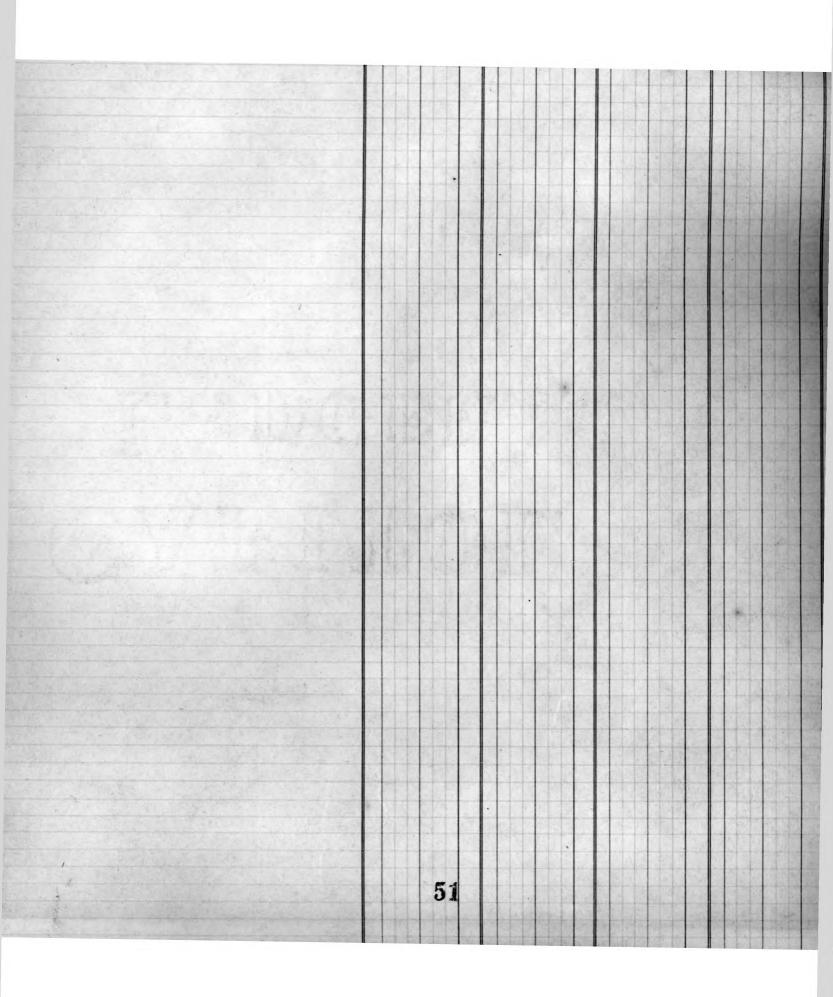
The decreasing timber supply in the United States renders it highly desirable that accurate information be secured upon the annual drain upon our forests. We know fairly well the extent of the wood consumption of the nation, except for fuel and domestic purposes. No satisfactory data upon these items 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 Mane	
Office address	land This
Kind of mineral product	The - Ping By
fuel in your operation?	ou estimate are used annually for cords er cord of this wood, delivered?
	dollars
Dute 9/11/08.	
RCU	1 auditor
(Signature of the pe	erson furnishing information),

1 turnacet. cho Wied in making Charcoal. 159.618 Bought 908.875 for Charcoal which Est. @44' bushed for Cd. - (#17ce any July). so les o Total Corto for# 1 Funace 80278 on production of 38762 Instigum -#2 Furnace -Cho-85600 used in making Charloal P.J. Production = 3896 2 Im. . Carp Furnace cds -Used in making Charcoal Brught 164.997 Bu Cherant Which Est@ 442 tushel P.J. Production = 13844. 6888 8 1. 2.2.7. Total Cho. 3 formaco -



[STRICTLY CONFIDENTIAL.]

No. 41 b

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

PRODUCTION OF PIG IRON IN 1908.

FOR THE YEAR ENDED DECEMBER 31, 1908.

Name of Furnaces Ocioneur	Purnace Ho. 2
Name of Owners or Lessees	loner how Co
Post Office, County, and State	Elevatares, Olivo
STAC	eks.
Number of completed Furnace Stacks Stacks in blast December 31, 1908 Stacks out of blast December 31, 1908 STACKS IN BLAST—How many DAYS in the L	
IDLE STACKS, INCLUDING BANKED STACKS December 31, 1908, may be blown in	
ABANDONED STACKS—Number of STACKS IDLE MAKE PIG IRON. (If more than one Stack give	E on December 31, 1908 that will NEVER AGAIN a name or No. of Stack,
BUILDING STACKS-Date when STACKS BUILDIN	
REBUILDING STACKS—Date when you expect to December 31, 1908, ready for blast. (If more than	have each Stack which was BEING REBUILT on n one Stack give name of No. of Stack)
RELINING STACKS—Date when you expect to ha December 31, 1908, ready for blast. (If more that	we each Stack which was BEING RELINED or in one Stack give name of No. of Stack)
PROJECTED STACKS—If you contemplate erecting to be built, the size of each Stack, and the date who	any NEW STACKS in 1909 please give the number en you expect to commenœ work upon each Stack
no	<u> </u>
FUEL 1 Kind of Fuel used in the WHOLE YEAR 1908	

IRON ORE USED-GROSS TONS.

GROSS TONS.

How many tons of IRON ORE did you consume in your furnaces in 1908? 42-03-0

LIMESTONE-GROSS TONS.

GROSS TONS.

How many tons of LIMESTONE did you QUARRY in the WHOLE YEAR 1908?... FIf you can not conveniently give exact figures of the limestone quarried or consumed a CLOSE ESTIMATE will answer.

Fif the furnace changed hands during this time please estimate the quantity of pig iron produced by the previous operators.	KINDS OF PIG IRON.	GROSS TONS
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? FOUNDRY PIG IRON? FORGE or MILL PIG IRON? FERRO-MANGANESE? SPIEGELEISEN?. 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 CAST-INGS made direct from the Furnace? IDLE FURNACES. If you made no pig iron at all in the WHOLE of 1908 please so state. REMARKS. Rease enumerate below any blast furnaces, rolling mills, steel works, tinplate or territe plate works and forges or bloomaries which are projected or are being built in your vicinity. Also note any ol plants of this character that have been recently abandoned or dismantled. If you are now makin or intend making any changes in the equipment of your works please give full particulars below	eisen. Ferro-manganes, Ferro-phosphorus, Ferro-silicon, Bessemer Ferro-silicon, Castings	
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 CAST-INGS made direct from the Furnace?. IDLE FURNACES. I you made no pig iron at all in the WHOLE of 1908 please so state. REMARKS. Rease enumerate below any blast furnaces, rolling mills, steel works, tinplate or terrie plate works and forges or bloomaries which are projected or are being built in your vicinity. Also note any ol plants of this character that have been recently abandoned or dismantled. If you are now makin or intend making any changes in the equipment of your works please give full particulars below	IF If the furnace changed hands during this time please estimate the quantity of pig iron produced by the previous operators.	
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 CAST-INGS made direct from the Furnace? IDLE FURNACES. I you made no pig iron at all in the WHOLE of 1908 please so state. REMARKS. Rease enumerate below any blast furnaces, rolling mills, steel works, tinplate or terme plate works and forges or bloomaries which are projected or are being built in your vicinity. Also note any ol plants of this character that have been recently abandoned or dismantled. If you are now makin or intend making any changes in the equipment of your works please give full particulars below	much of the TOTAL PRODUCTION in the WHOLE YEAR 1908 was-	
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 CAST-INGS made direct from the Furnace? IDLE FURNACES. If you made no pig iron at all in the WHOLE of 1908 please so state. REMARKS. Research works, tinplate or terms plate works and forges or bloomaries which are projected or are being built in your vicinity. Also note any ol plants of this character that have been recently abandoned or dismantled. If you are now makin or intend making any changes in the equipment of your works please give full particulars below	BESSEMER PIG IRON? (from 0.04 to 0.10 per cent. in Phosphorus)	
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 CAST-INGS made direct from the Furnace? IDLE FURNACES. If you made no pig iron at all in the WHOLE of 1908 please so state. REMARKS. Research works, tinplate or terms plate works and forges or bloomaries which are projected or are being built in your vicinity. Also note any ol plants of this character that have been recently abandoned or dismantled. If you are now makin or intend making any changes in the equipment of your works please give full particulars below		
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 CAST-INGS 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 terme plate works and forges or bloomaries which are projected or are being built in your vicinity. Also note any of 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	BASIC DIC IDON 2	2008
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. Remarks. Remarks. Remarks. Remarks. Remarks.		
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 CAST-INGS made direct from the Furnace? IDLE FURNACES. If you made no pig iron at all in the WHOLE of 1908 please so state		
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 CAST-INGS made direct from the Furnace? IDLE FURNACES. If you made no pig iron at all in the WHOLE of 1908 please so state		The state of the s
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 CAST-INGS made direct from the Furnace? IDLE FURNACES. If you made no pig iron at all in the WHOLE of 1908 please so state. REMARKS. Rease enumerate below any blast furnaces, rolling mills, steel works, tinplate or terme plate works and forges or bloomaries which are projected or are being built in your vicinity. Also note any oll 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		Service of the servic
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. I you made no pig iron at all in the WHOLE of 1908 please so state. REMARKS. Rease enumerate below any blast furnaces, rolling mills, steel works, tinplate or terme plate works and forges or bloomaries which are projected or are being built in your vicinity. Also note any ol plants of this character that have been recently abandoned or dismantled. If you are now makin or intend making any changes in the equipment of your works please give full particulars below		
BESSEMER FERRO-SILICON? (0.10 per cent. and under in Phosphorus and 7 per cent. and over in Silicon)		Processing and Control of the Contro
WHITE and MOTTLED and other miscellaneous grades of PIG IRON and CAST-INGS made direct from the Furnace? IDLE FURNACES. I you made no pig iron at all in the WHOLE of 1908 please so state. REMARKS. Research works, tinplate or terms 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.	BESSEMER FERRO-SILICON? (0.10 per cent. and under in Phosphorus and 7 per	
IDLE FURNACES. If you made no pig iron at all in the WHOLE of 1908 please so state	WHITE and MOTTLED and other miscellaneous grades of PIG IRON and CAST-	
REMARKS. Clease enumerate below any blast furnaces, rolling mills, steel works, tinplate or terme 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	the second of th	
REMARKS. Clease enumerate below any blast furnaces, rolling mills, steel works, tinplate or terme 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	f you made no pig iron at all in the WHOLE of 1908 please so state.	
dease enumerate below any blast furnaces, rolling mills, steel works, tinplate or terme 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		
	Please enumerate below any blast furnaces, rolling mills, steel works, tinplate or terme and forges or bloomaries which are projected or are being built in your vicinity. Also plants of this character that have been recently abandoned or dismantled. If you are	note any old now making
gnature,		

[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.

Name of Furnace or Furnaces Carfe.	
Name of Owners or Lessees	
Number of completed Furnace Stacks. Stacks in blast December 31, 1908. Stacks out of blast December 31, 1908. STACKS IN BLAST—How many DAYS in the IDLE STACKS, INCLUDING BANKED STACK December 31, 1908, may be blown in	ACKS. Stacks building December 31, 1908. Stacks rebuilding December 31, 1908. Stacks relining December 31, 1908. LAST HALF of 1908 was each furnace in blast? CS—Date when STACKS IDLE or BANKED on LE on December 31, 1908, that will NEVER AGAIN
MAKE PIG IRON. (If more than one Stack gi	ve name or No. of Stack)
REBUILDING STACKS—Date when you expect to December 31, 1908, ready for blast. (If more the	to have each Stack which was BEING REBUILT on nan one Stack give name or No. of Stack)
RELINING STACKS—Date when you expect to	have each Stack which was BEING RELINED on han one Stack give name or No. of Stack)
PROJECTED STACKS—If you contemplate erecting to be built, the size of each Stack, and the date very state of the size of each Stack, and the date very state of the size of each Stack, and the date very state of the size of each Stack, and the date very state of the size of each Stack, and the date very state of the size of each Stack, and the date very state of the size of th	ng any NEW STACKS in 1909 please give the number when you expect to commence work upon each Stack
4	Your
FUEL Kind of Fuel used in the WHOLE YEAR 1908	USED.

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	USE	D—GF	Ross T	ONS		GROSS TONS.
How	many	tons o	f IRON	ORE did	you cor	sume i	in your	furnaces	in 19	08?	

LIMESTO	NE_	GROSS	TONS.
		CALUULD	TO THE

GROSS TONS.

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

AF-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	none.
How much of the TOTAL PRODUCTION in the WHOLE YEAR 1908 was-	- Current Constitution of
BESSEMER PIG IRON? (from 0.04 to 0.10 per cent. in Phosphorus)	
LOW-PHOSPHORUS PIG IRON? (below 0.04 per cent. in Phosphorus)	The second secon
BASIC PIG IRON?	A CONTRACTOR OF THE PARTY OF TH
FOUNDRY PIG IRON?	
FORGE OF MILL PIG TRON !	
SPIEGELEISEN?	
	The second second
FERRO-PHOSPHORUS?	Married Marrie
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 CAST- INGS 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 and forges or bloomaries which are projected or are being built in your vicinity. Also plants of this character that have been recently abandoned or dismantled. If you are or intend making any changes in the equipment of your works please give full particular.	note any old now making iculars below.

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

[STRICTLY C	NFIDENTIAL.]
-------------	--------------

No. 42

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.

POR THE TEAR ENDED DECEMBER OF, 1806.
Name of Furnaces October 1
Name of Owners or Lessees.
Post Office, County, and State.
STACKS.
Number of completed Furnace Stacks
Lug Days
IDLE STACKS, INCLUDING BANKED STACKS—Date when STACKS IDLE or BANKED on December 31, 1908, may be blown in
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)
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)
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)
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
FUEL USED. Kind of Fuel used in the WHOLE YEAR 1908
The state of the same and all the same and color and same and same and all the same and

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

GRO	SS 1	TON	S.
. 45.3	Pop	1	9

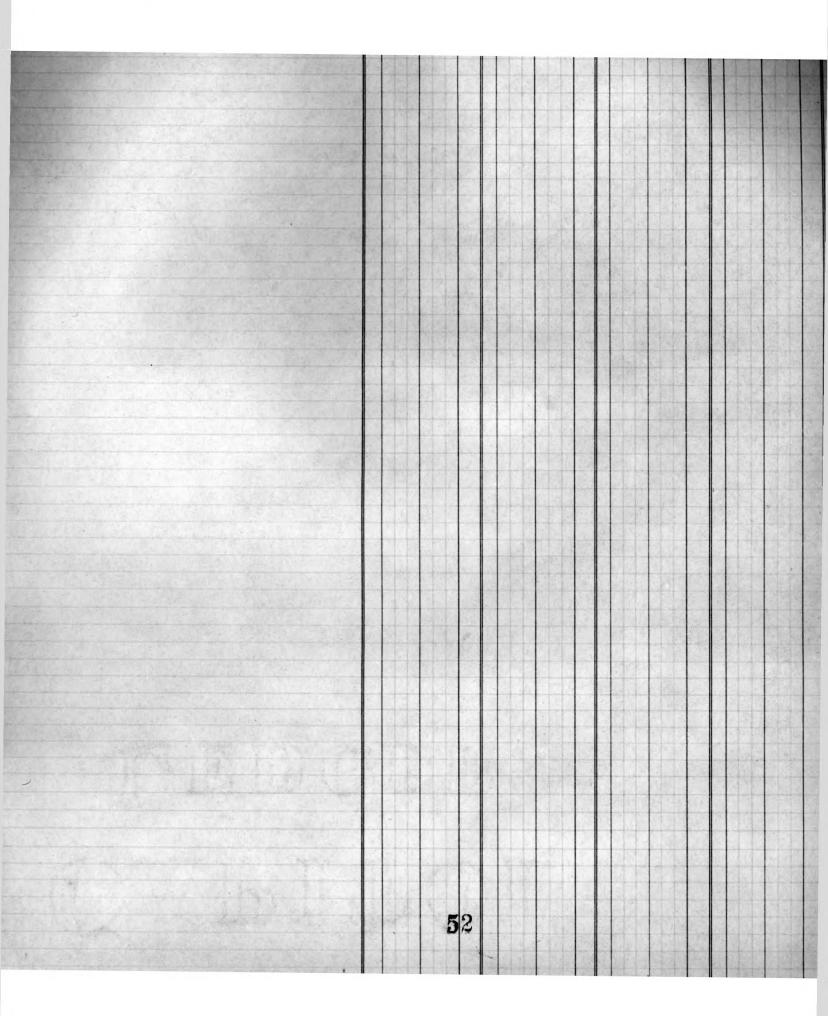
How many tons of IRON ORE did you consume in your furnaces in 1908?.....

LIMESTONE-GROSS TONS.

GROSS TONS.

How many tons of LIMESTONE did you QUARRY in the WHOLE YEAR 1908? If you can not conveniently give exact figures of the limestone quarried or consumed a CLOSE ESTIMATE will answer.

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	29133
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)	
FOUNDRY PIG IRON?	1
FORGE or MILL PIG IRON?	The state of the s
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 CAST- INGS 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 and forges or bloomaries which are projected or are being built in your vicinity. Also plants of this character that have been recently abandoned or dismantled. If you are intend making any changes in the equipment of your works please give full part	o note any old e now making iculars below.



147 179. 116 152 116. Cent gblust 4/30/908 days operated sum

AMERICAN IRON AND STEEL ASSOCIATION,

No. 261 South Fourth Street, UN 30 1908

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

Philadelphia, cyune 30, 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-PHOS-PHORUS, BASIC, MALLEABLE BESSEMER, FORGE, and FOUNDRY PIG IRON, and SPIEGELEISEN, FER-RO-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 UN 30 1908

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

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-PHOS-PHORUS, BASIC, MALLEABLE BESSEMER, FORGE, and FOUNDRY PIG IRON, and SPIEGELEISEN, FER-RO-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.

in of america .. Le

 	-			_
TEL		10	100	

Kind	of	Fuel	used	in	the	FIRST	HALF	of	1908 Laceall 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	1
IF 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? MALLEABLE BESSEMER PIG IRON? BASIC PIG-IRON?	1351
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 CAST-INGS 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 and forges or bloomaries which are projected or are being built in your vicinity. Als plants of this character that have been recently abandoned or dismantled. If you are or intend making any changes in the equipment of your works please give full part	o note any old e now making ticulars below.

*	
Permy Sant	
Signature,	
139 Re Man	
777882-	

STRICTLY	CONFIDENTIAL.]
----------	----------------

No. 41-6

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. Name of Owners or Lessees. Post Office, County, and State. STACKS. Number of completed Furnace Stacks. Stacks building June 30, 1908. Stacks rebuilding June 30, 1908. Stacks rebuilding June 30, 1908. Stacks rebuilding June 30, 1908. Stacks relining June 30, 1908. STACKS IN BLAST—How many DAYS in the FIRST HALF of 1908 was each furnace in blast? 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	TOR THE SIX MORTHS ENDED SOME SO, 1888.
Name of Owners or Lessees. Post Office, County, and State. STACKS. Number of completed Furnace Stacks. Stacks in blast June 30, 1908. Stacks out of blast June 30, 1908. Stacks rebuilding June 30, 1908. Stacks relining June 30, 1908. Stacks relini	Name of Furnace or Furnaces Provider 745.2.
STACKS. Number of completed Furnace Stacks	
Number of completed Furnace Stacks. Stacks in blast June 30, 1908. Stacks out of blast June 30, 1908. Stacks rebuilding June 30, 1908. Stacks relining June 30, 1908. Stacks rebuilding June 30, 1908. Stacks	Post Office, County, and State
Stacks in blast June 30, 1908. Stacks out of blast June 30, 1908. Stacks out of blast June 30, 1908. STACKS IN BLAST—How many DAYS in the FIRST HALF of 1908 was each furnace in blast? 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	
Stacks in blast June 30, 1908	
Stacks in blast June 30, 1908. Stacks out of blast June 30, 1908. Stacks out of blast June 30, 1908. Stacks relining June 30, 1908. Stacks rebuilding June 30, 1908 was each furnace in blast. In Bulle Stacks In Index Ind	Number of completed Furnace Stacks Stacks building June 30, 1908
STACKS IN BLAST—How many DAYS in the FIRST HALF of 1908 was each furnace in blast? 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	Stacks in blast June 30, 1908 Stacks rebuilding June 30, 1908
IDLE STACKS, INCLUDING BANKED STACKS—Date when STACKS IDLE or BANKED on June 30, 1908, may be blown in	Stacks out of blast June 30, 1908. Stacks relining June 30, 1908.
IDLE STACKS, INCLUDING BANKED STACKS—Date when STACKS IDLE or BANKED on June 30, 1908, may be blown in	STACKS IN BLAST-How many DAYS in the FIRST HALF of 1908 was each furnace in blast
IDLE STACKS, INCLUDING BANKED STACKS—Date when STACKS IDLE or BANKED on June 30, 1908, may be blown in	
IDLE STACKS, INCLUDING BANKED STACKS—Date when STACKS IDLE or BANKED on June 30, 1908, may be blown in	770
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)	
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)	IDLE STACKS, INCLUDING BANKED STACKS—Date when STACKS IDLE or BANKED or
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)	June 30, 1908, may be blown in
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	
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	
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)	
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)	
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	
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)	
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)	
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	
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	
to be built, the size of each Stack, and the date when you expect to commence work upon each 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
PIN TOTAL DE LO COMPANION DE LOS DESCRIPCIONES DE LOS DESCRIPCIONES DE LOS DELOS DE LOS DE LOS DE LOS DE LOS DE LOS DE LOS DELOS DE LOS DELOS DE LOS DELOS DE LOS DELOS DELO	
	Stor Hotelbas in the Contract of the Contract

No.....

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 Quirp	10
Name of Owners or Lessees.	
Post Office, County, and State Laure Laure Description	
STACKS.	
Number of completed Furnace Stacks Stacks building June 30, 1908	L.
Stacks in blast June 30, 1908 Stacks rebuilding June 30, 1908	
Stacks out of blast June 30, 1908 Stacks relining June 30, 1908	
STACKS IN BLAST-How many DAYS in the FIRST HALF of 1908 was each furnace in	
Mone	
IDLE STACKS, INCLUDING BANKED STACKS—Date when STACKS IDLE or BANKI June 30, 1908, may be blown in	ED on
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 con	-
REBUILDING STACKS—Date when you expect to have each Stack which was BEING REBUILDING 30, 1908, ready for blast. (If more than one Stack give name or No. of Stack)	LT on
RELINING STACKS—Date when you expect to have each Stack which was BEING RELINING 30, 1908, ready for blast. (If more than one Stack give name or No. of Stack)	ED on
PROJECTED STACKS-If you contemplate erecting any NEW STACKS in 1908 please give the return to be built, the size of each Stack, and the date when you expect to commence work upon each	umber

Kind of Fuel used in the FIRST HALF of 1908

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.

KINDO OF PIG IRON.	GROSS TONS
DTAL 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.	1
If the furnace changed hands during this time please estimate the quantity of pig iron produced by the previous operators.	
bw 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)	
BESSEVER FERRO-SILICON? (0.10 per cent. and under in Phosphorus and 7 per cent. and over in Silicon)	
WHITE and MOITLED and other miscellaneous grades of PIG IRON and CAST- INGS made direct from the Furnace?	
IDLE FURNACES.	
If you made no pig iron at all in the FIRST HALF of 1903 please so state	w
REMARKS.	
Please enumerate below any blast furnaces, rolling mills, steel works, tinplate or terms and forges or bloomaries which are projected or are being built in your vicinity. Also plants of this character that have been recently abandoned or dismantled. If you are or intend making any changes in the equipment of your works please give full particularly.	so note any ol re now makin
Aire Ato	
Signature,	***************************************

This blank is printed in copying ink for manufacturers wh	ho may	desire to	copy	it in	a their	letter	books
---	--------	-----------	------	-------	---------	--------	-------

AT		1	1	-	5	ĸ,	,	
N	0.							•

[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 1903.

FOR THE SIX MONTHS ENDED JUNE 30, 1908.
Name of Furnace or Furnaces. Post Office, County, and State.
STACKS.
Number of completed Furnace Stacks Stacks building June 30, 1908 Stacks in blast June 30, 1908 Stacks rebuilding June 30, 1908 Stacks relining June 30, 1908 STACKS IN BLAST—How many DAYS in the FIRST HALF of 1908 was each furnace in blast?
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
The same of the sa

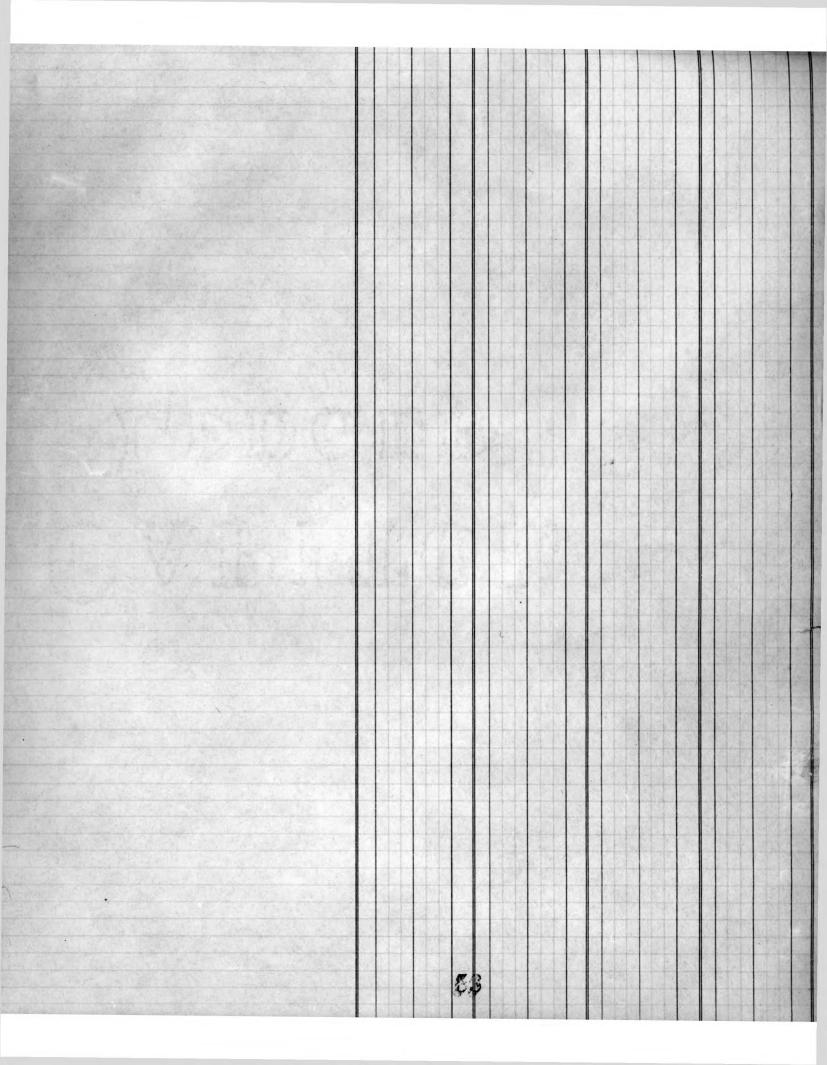
FUEL	USED.	1	

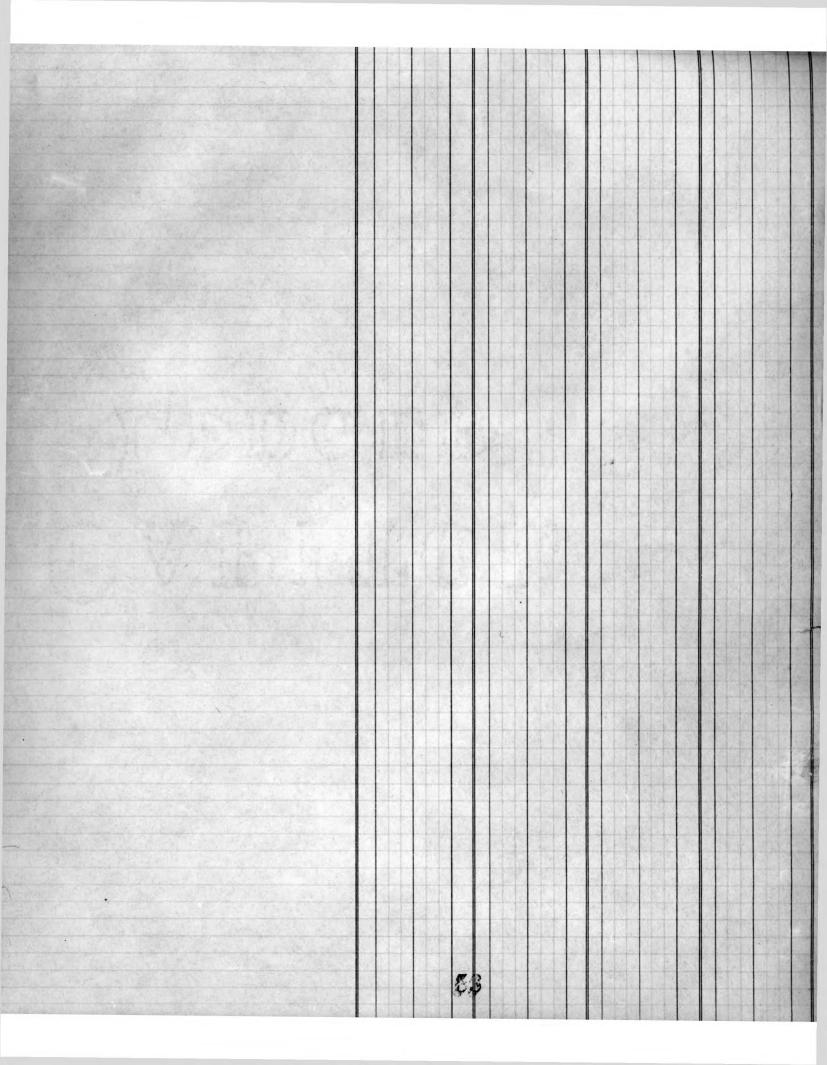
Kind of Fuel used in the FIRST HALF of 1908

Please state whether you used all coke, all raw bituminous coal, coke and raw coal mixed, all 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.	-
Is 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?	
PASIC PIC IRON? MAN BULLETINGS	1750
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 CAST-INGS 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 terms and forges or bloomaries which are projected or are being built in your vicinity. Also plants of this character that have been recently abandoned or dismantled. If you are or intend making any changes in the equipment of your works please give full par	e now makin
	,
All Men -	
Signature, 1991 Mar a del Salo	





Parties. ort - Dele

Mr. R. C. Mann, Auditor,

Office.

Dear Sir:-

Attached hereto are topies of the report which Mr.

Strong made to the Government at the latter's request.

Yours very truly,

NOT READ BY MR. MATHER,

WGM-LWE

Wn. G. Mather, President.

SIXTIETH CONGRESS.

James R. Mann. III

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 MUNIS	ING PAPER COMPANY,	LIMITED.
Post Office Address. Munising, Michigan.		
L. Capital invested, December 31, 1907: (Include		
buildings, machinery, tools and implements, b		\$ 2682599.00
unsettled ledger accounts, raw materials, fin	ished products.)	
cash and other sundries on hand, and stock in		
. Timber land owned:	ACRES	VALUE
Adjacent to mill	1928	1245.27
All other Timber only	174619	
Total		1031833.29
. Salaried employees:		al Am't Paid i
bu Luz Luu bapaby ous.	Salaries Du	
Salaried officers of corporations	1	600.00
Superintendents, Managers, foremen, clerks,&	ather	000.00
Salaried employees		19975.40
Total		20575.40
	Contract to the Contract to th	222
. Average number of wage-earners employed during	g the year	666
(Do not include salaried employees reported a)		7 40500 04
Total amount paid in wages during the year		140509.84
. Total amount paid for rent, taxes, insurance,	interest,	300000 00
repairs, advertising, and other miscellaneous	expenses	103269.08
. Cost of material used during the year: (Incluent establishment report	ude freight if paid	n by the
VIND	QUANTITY	COST
Wood for pulp, cords	22995	121240.25
Wood fiber purchased:		
Ground, tons (2,000 pounds)	4459 842	98575.75
Sulphite " "Kone		20070.10
Soda " "None		
ALL Other		89289.81
Fuel	13.04 TIGO4	115259.13
All other materials, including mill supplies		
Total cost of all materials	-	424364.94
 Total value of all products manufactured during (Give value or price F O B at Mil.) 		
- XIND	TONS	VALUE
	(2.000 Por	ands)
NEW SPAPER: -		
In rollsNone	****	
In sheetsNone		
All other varities of paper	13434 1746	707191.66
Pulp and fiber sold	2097 IIO	63691.14
All other productsNone	and the size one was the	
All other broadersHone		ADDRESS OF THE PERSON OF THE P
Total		\$ 770882.80
70007		No. of the latest terms of

			all prod						- Cont	inued.	
	Total	freight	and carta	ge paid	for de	livery		oduct		5	5396.88
	Total	selling	expenses	on shows	nrodn	at (in				0.	00000
	travel	ing expe	enses, and	commiss	ions n	sid i	fant	1	-	7	5567.05
		Tot	al						-	ラ	0963.93
	Pulp a		manufact			med by	comps	nv.			00000
	report	ing tons					-W		-	9478	- 1014
			manufactu			or 190'	7: (In	nclude c	ost of		
	materi	lals. lab	or, expen	ses of a	dminis	tration	n. and	sellin	g exps		
	If con	ipany has	computed	cost ex	clusiv	e of a	ny or	all of	these		
			ndum of e								
	Total	cost of	manufactu	ring pro	duct r	eporte	d in a	answer t	0		the state of the s
	Inquir	cy 7							-	60	8164.80
	Per ce	ent of to	tal cost :	represer	ited by	wages			- 21.9	4%	
	Per ce	ent of to	tal cost :	represer	ited by	mater	ials ·		- 68.6	4%	
			tal cost			all o	ther				
	expens	ses of pr	coduction						- 9.4	2%	
	Aver.	labor co	st per to	n of par	per man	ufactu:	red (all kind	s)		
			у								
~	Aver.	labor co	ost per to	n of nev	vs prin	t pape	r man	ufacture	d -	None	
9.	Sellin	ig price	of paper:	(Give I	rices	for a	number	r of var	ieties	of pape	r
			during t				ind of	paper	should	be stat	ed in
	the sy	nee at t	the top of	the bla	nkccol	umn.	2	-1-5-6	5 30. 33	-	
190	c		2.	RIUE PER			Pounds	B) F 0	B Mill	•	
		Dage Totand	mb W.	stone Wes		907	7)-	77.4 m d m		West T	
MON	TIT.	#1 Crea	sh Wa	T WALL	#9	ON TH.	Day #7	Credo F	n #1	Water F	No 2.
Jan		55.93	50 82	11 62	10 12	Tenner	**************************************	50 02	54.89	50.23	14.03
Woh	2011 (2 7017	54 07	50 9A	11 95	An 90	Tahans	1 7070	10 75	59 no	59 70	11 97
Mar	ch	55 68	49 15	44 57	39 50	March	ALL S	62 39	57.62	54.66	46.06
Anr	11	57.44	49.15 49.25 49.88	44.29	39.69	Anni 7		63.42	58.32	55.34	46.35
May		55.69	49.88	44.12	39.87	Man		65.50	57.95	55.88	48.49
Jun	e	55.74	47.85	44.72	39.59	June		66.14	60.70	54.94	49.24
Jul	V	55.80	47.20	43.40	39.60	J11 7 17		66.40	62.38		
		55.22	47.16	44.20	39.10	August		67.25	73.25		
		53.40	46.80	44.20	38.80	Septem	nher	67.46			50.88
	ober			47.00		Octobe					52.82
			52.40			Novemb					51.80
	ember		52.96			Decemb			200	56.90	52.56
			n, and car								
700										ity,# of	No of.
		NAME		TOD	ATION		Tons			Days in	
								Pulp		peration	
							1			during	since
										1907	Apr 07.
De	27 354 7	17		Man and	atra	Mich	18500	7		278	265
	er Mil				sing.		10000	1500	0	278	24
A SED	er Hil		-	muni	0.1119	AND OLL .		2000	-		

MEMORANDUM OF AMOUNTS NOT INCLUDED IN ITEM No 8.

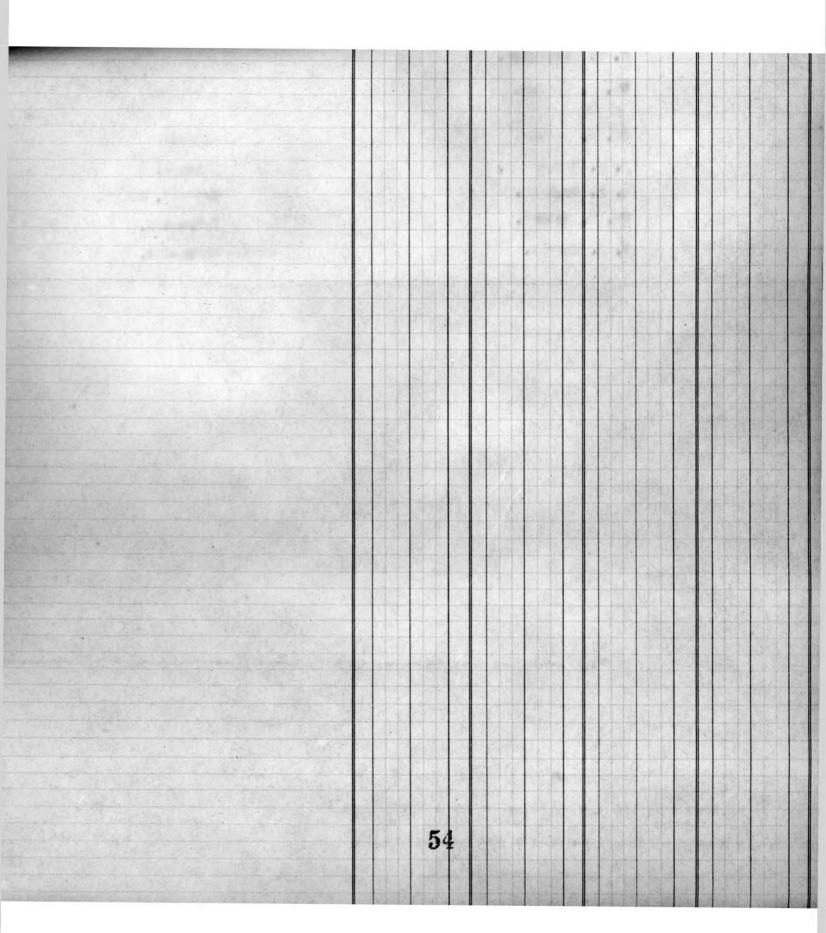
Cash discount on Sales

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.
Ill 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 content be accounted by a completed.

ANNUAL REPORT

OF

(Postoffice Address) Munising, Michigan.					
(Street and No.)					
retary of State,					
Sir:—In accordance with Section twelve of Act No. 232, Public	c Ac	ts of	1903	as a	mended, the
ersigned Directors of the Munising Paper			•••••		Company,
pectfully submit the following report of its condition on the31st	da	ay of.	D	ecemb	er 1908
The character of the business in which the corporation has been engaged during	no the	e vear	is		
Operation Pulp & Paper Mills.	118 1111	year			
operation roup a raper mills.					
2. The place or places at which the operations of said company have been conducted to the conduction of the place or places at which the operations of said company have been conducted to the conducted to the place or places at which the operations of said company have been conducted to the cond	icted:				
Munising, Michigan.					
3. The amount of authorized canital stock.		∫ Con	nmon,	\$	
and the minimit of authorized Capital Signer.		Prei			
4. The amount of capital stock subscribed:		Con			
MARSON IN CO. LEWIS CO. LANDING TO SERVICE OF THE PARTY O					
5. The amount of capital rock actually paid in to cash:					
3. The amount of authorized capital stock is		• 00	• 00		\$ 1,000,000
4. The amount of capital stock subscribed is		Pres	wed.		1,000,000
5. The amount of capital stock paid in in cash is -	maire	niged	a foll	gVs:	none
6. The amount of capital stock paid in in property is The sum of the amounts under items 5 and 6 cannot exce					1,000,000
(The sum of the amounts under items 5 and 6 cannot exceed the amount under item 4.) 7. The amount invested in real estate is	bed				2, 231, 48
8. The present actual value of real estate, as near as may	he	esti.	natad	ie	2,000,000
9. The amount invested in personal property (including cree					345,963
to Patent-rights, engineers, trade-stat and femining \$					010,000
10. The present actual value of the personal property, as no be estimated (including credits) is	-	-	2	• •	175,000
11. The liability of the association on real estate mortgage	1111111	8	-	-	1,050,000
12. The liability of the association on chattel mortgages in	8	•	-	•	none
13 The amount of debts, secured and unsecured, is	-	•	•		1,547,484
14. The amount of credits owing to said association is -	-	•			82,692
15. The present estimated value of the credits is	-				60,000



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	E. II. Verroofije.	5
Blount I. P.	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.	II II	5
Duncan, M. M.	Ishpeming, Michigan.	2748
Everard, H. H.	Kalamazoo, Michigan,	1125
Everard, H. H. & Chas. D. Fuller.	material mat	61
Everest, D. C.	160 Washington St., Chicago, Ill.	22
Fuller. Chas. D.	kalamazoo, Michigan.	19
	Karamazoo, michigan.	8
Gilmore, Estate of John M.		
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, Michigen.	1
Hopkins, Chas. C.	Lansing, Michigan.	44
Hoagland, Henry	Kalemazoo, 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&NW Ry.5th Ave., Chicago, Ill.	4
Mather, Flora S.	c/o S. Mather, Western Reserve Bldg.Clevels	1
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,	
Southwell, H. E.	469 N. State St., Chicago, Ill.	473
Schroeder, Harry L.	c/o H. H. Everard, Kalamazco, 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
15474 25-05	TOTAL	10000
ACT IN CO.	West of the Management	

NAMES OF OFFICERS AND	DIRECTORS.	POSTOFFICE	ADDRESSES.	
Wm. G. Mather.	Chairman XXXXXX	Cleveland, Ohio.		
the season of the season of the	Vice-Pres.	A STATE OF THE STA		
C. H. Worcester.		Ohiorea Til		
	Secretary.	Chicago, Ill.		
Wm. G. Mather.	Treasurer.	Cleveland, Ohio.		
Wm. G. Mather.		Cleveland, Ohio.		
C. H. Worcester.		Chicago, Ill.	1	
H. H. Everard.		Detroit, Michigan		
Wm. P. Belden.		Ishpeming, Michig	an.	
H. R. Harris.	Directors.	Marquette, Michig	an.	
WITNESS OUR S	IGNATURES:—			
Anglinati e sa kat			Majori	ty
			of Directo	rs.
nthe Little to			as a second	
at one plants at one of				
STATE OF			# 5A # 5 B & # 59 B	
County of	ss.			
I,	- 13 - 15 - 15 - 15 - 15 - 15 - 15 - 15	do solemnly swear that I	am the Secretary of the ab	ove
named corporation, and that the matters				and
belief: And further, that the within signa	atures are those of a majorit	y of the directors of said corporat	ion.	
and the second second		4	Secret	arv
the Mill view of April 1865			Scoret	ar y
Subscribed and sworn to before me, this-	7.07.5	day of-	190	
Hamilton Production and				
PATER AND RESERVED.	Notary Public in and for		County State of Michig	gan
	Total y I dolle ili aliu ili			Sall
144513 th	My	commission expires	19	

all more pagestions

GIVE HERE DATE OF ORIGINAL INCORPORATION:

and to sometime at the manned of the fi

Formation Producting Training Today

The telling of he that

.

08-2,000

UAL 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 precident and secretary. 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 thirtyfirst, 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 pro-visions 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 accom-panied by a recording fee of fifty cents, which said notice shall be recorded as amendments are re-quired 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

Clevel and, 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 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 Lahor 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.

or co			(CLE VELAND-	CLIFFS IRON CO.
I. Nan	me of line: PRESQUE ISLE TRANSPORTA	TION COMPANY	*	
	Form of organization (corporation, partners (Office Rockefeller Bldg., Clevel			
	Principal office, town or city: Fairpor	t	Street numb	er:
	County:	State:	0 hio	
	Date of establishment of line: Under laws of what State or Territory orga		The state of the s	
	If company is incorporated in more than on			
	If incorporated by special statute, give reference	ence to such stat	ute and import	ant amendments:
	If a consolidated company, give names of solidation, and dates of consolidation and	companies or ag	gencies represen	ated by such con-
	If company is successor to a previous corpor carrier, give name thereof and reference to	ation, voluntary	association, fi	

e is incorporated, fi		following ta			ization, s	tock, bonds	, etc.
		Preferred	STOCK.	Common S	TOCK.	Bonds and Indebted	
Amount authorized		-		500,000		199,50	00
Amount actually issue	ed be			500,000		199,50	00
	Year.	Amount.	Rate.	Amount.	Rate.	Amount.	Ra
		*					
							-
Dividends declared or interest actu- ally paid annu-							-
ally during past ten years.							
-			-				
corporation, give n	names and	addresses of	-				
Officers:	E To	ogg In	,	Pittsburg	h. Pa.		
	B. F. Jon						
Secretary V	Vm. G. M			Cleveland Cleveland			
11 02501 01		401101		OT OV OIGH	, 01110.		
Directors:	_						
1/							
		1161216-1152-1153-115					

Peter White Steamer 6184 493 Presque Isle " 4578 357					
IV. Give list of boats owned or operated by your line, including names, gross and net to each, and state whether same are steam, sail, barge, or other craft, as follows: Pleet					
IV. Give list of boats owned or operated by your line, including names, gross and net to each, and state whether same are steam, sail, barge, or other craft, as follows: Pleet					
IV. Give list of boats owned or operated by your line, including names, gross and net to each, and state whether same are steam, sail, barge, or other craft, as follows: Pleet					
IV. Give list of boats owned or operated by your line, including names, gross and net to each, and state whether same are steam, sail, barge, or other craft, as follows: Pleet					
IV. Give list of boats owned or operated by your line, including names, gross and net to each, and state whether same are steam, sail, barge, or other craft, as follows: Pleet					
each, and state whether same are steam, sail, barge, or other craft, as follows: Name					
each, and state whether same are steam, sail, barge, or other craft, as follows: Name	IV Give	list of hosts awned or	onerated by your line inc	eluding names gross	and net tonna
Fleet 1908 Name. Class of Vessel. Gross Tonnage. Net To Peter White Steamer 6184 493 Presque Isle 4578 Angline 4644 353	IV. Give				
Peter White Steamer 6184 493 Presque Isle " 4578 357 Angline " 4644 353					
Presque Isle	1908	Name.	CLASS OF VESSEL.	GROSS TONNAGE.	NET TONNAG
Angline " 4644 353		Peter White	Steamer	6184	4931
		Presque Isle		4578	3570
		Angline		4644	3538
If any of the above weedels are located from other arms or located to other arms time	Ţ	f on wof the observation			opone ting a gar-
If any of the above vessels are leased from other owners, or leased to other operating	I	The second of th	s are leased from other own	ners, or leased to other	
If any of the above vessels are leased from other owners, or leased to other operating give names of owners or lessees and terms of lease:	I	The second of th	s are leased from other own	ners, or leased to other	
	I	The second of th	s are leased from other own	ners, or leased to other	
	I	The second of th	s are leased from other own	ners, or leased to other	
	I	The second of th	s are leased from other own	ners, or leased to other	

	where situated: NONE	
V	That dock privileges does your line have?	
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:	
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	
	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:	ss
Does	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	ss nd s:
Does	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: 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.	ss ad s:
Does	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: your company have regular schedules of freight rates? If so, give classification an attach copies of schedules in force, showing all-water rates and joint water-and-rail rates.	ss and s:
Does	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: your company have regular schedules of freight rates? If so, give classification an attach copies of schedules in force, showing all-water rates and joint water-and-rail rates.	ss and s:
Does	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: your company have regular schedules of freight rates? If so, give classification an attach copies of schedules in force, showing all-water rates and joint water-and-rail rates.	ss and s:

railroads prorate with your line on freight traffic? NO
r line controlled by or affiliated with any other navigation line or with any railroad of
ith any dock, warehouse, or other terminal concern, whether by ownership or lease of
y mortgage or by ownership of stocks or bonds or through traffic agreements; or is it
ny other manner so controlled or affiliated? If so, specify in detail: NO
es your line lease, or in any manner control, except through ownership of stocks an
onds, as stated above, any other navigation line or railroad or any dock, warehous
ghterage, or other terminal concern? If so, name same and state the character an
xtent of such control. NO
either case, annex copy of such leases or contracts.
t is the general character of freight handled by your line? If there are several division
f your line answer separately for each.
IRON ORE, COAL & GRAIN

	thbound traffic? Iron & Grain South & East Coal North & West
	· · · · · · · · · · · · · · · · · · ·

	t towing arrangements has your line? With whom are the same made, and who prevailing towing charges and on what principles are they based?
	prevailing towing charges and on what principles are they based.
	racts of carriage made direct with shippers or with ship brokers, forwarders, or encies?
	(BOTH)
	NOTE
	Get names of principal concerns for which coal and ore is car Ore Trade General-being that of the entire consuming interest
	tributary to the Lake Superior Ore Region
	Coal carried only for our own consumption.
	Can't again an anity tor our own consumbly vivile
Ann	
	ex forms of bills of lading or manifests.
what	
what	ex forms of bills of lading or manifests. extent does the insurance rate on vessels and cargoes affect your competition
what	ex forms of bills of lading or manifests. extent does the insurance rate on vessels and cargoes affect your competition rriers by rail?
what	ex forms of bills of lading or manifests. extent does the insurance rate on vessels and cargoes affect your competition rriers by rail?
what	ex forms of bills of lading or manifests. extent does the insurance rate on vessels and cargoes affect your competition rriers by rail?
what	ex forms of bills of lading or manifests. extent does the insurance rate on vessels and cargoes affect your competition rriers by rail?
what can	ex forms of bills of lading or manifests. extent does the insurance rate on vessels and cargoes affect your competition rriers by rail?
what can	extent does the insurance rate on vessels and cargoes affect your competition rriers by rail?
what can	extent does the insurance rate on vessels and cargoes affect your competition rriers by rail?
what can	extent does the insurance rate on vessels and cargoes affect your competition rriers by rail?
what can	extent does the insurance rate on vessels and cargoes affect your competition rriers by rail?

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:

		TONNAGE.		
ARTICLE. pecify whether gross or net to	DIRECTION.	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

Cet

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

VII	If there are divisions of your line answer Question XI separately for each such division.
A11.	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?

	t other boat lines or railways connect the points between which your line runs?
	you encounter any competition from "tramp" steamers, or from other "tramp" vessel f so, state the nature and effect of such competition:
 IV. Duri	ng what portion of the year are your boats usually operated?
a	is your general policy in competition with railroads and other carriers? Do you aim adopt their freight rates or to cut them in order to increase your business, or have y agreements with railroads under which you are granted differential rates? What are the differentials?
	e instances, if you have knowledge of any, in which your competitors, either railroads other carriers or any towing companies, have given rebates or made other concessions
	shippers or others:
-	

I de la constante de la consta	 			

	Signature:	Signed	by R. C. Mar	ın

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.

Form of organization (corporation, partner	7.	
Principal office, town or city: Grand County: Alger Date of establishment of line:	Island State:	Street number:
Under laws of what State or Territory org		West Virginia
If company is incorporated in more than or		
		75,000,00 - 1 - KM - Fad
If a consolidated company, give names of solidation, and dates of consolidation an	companies	or agencies represented by such ons:

1							
line is incorporated,	fill out the fo	ollowing ta	ble regar	ding capital	ization, s	stock, bonds	, etc.
		Preferred	STOCK.	Common S	Втоск.	Bonds and Indebted	
Amount authorized.				25,000	.00	1,510,0	00
Amount actually issu	ıed			25,000	.00	669,0	00
(W)	Year.	Amount.	Rate.	Amount.	Rate.	Amount.	Ra
Bertoon		.,		7		1.6	-
1 70-22	/			G-	\$ 5-ek		
99.97			-				
表 4 4		,					
Dividends declared							
or interest actu- ally paid annu-							-
ally during past ten years.							
	\						
f a corporation, give	names and a	ddresses of	_	*			
Officers:					÷		
Wm.	G. Mather	, Pres	t.		Cleve	land, O.	
Jas	. H. Hoyt,	Vice	Prest.		•	, 	
Α.	O. Jopling	2nd	Vice P.		Grand	Island,	Mich
J.	H. Sheadle	, Secy	•		Cleve	land, O.	
Wm.	G. Mather	, Trea	8.		•	•	
Directors:			*				

	***************************************	ALDER ALLERS		
IV.	Give list of boats owned or	operated by your line, inc	cluding names, gross	and net tonnag
	each, and state whether	r same are steam, sail, bar	ge, or other craft, as	follows:
	NAME.	CLASS OF VESSEL.	GROSS TONNAGE.	NET TONNAG
	-			
. s. s	. Co. William G. Mather	Steamer	6838	5183
**	Ishpeming		6924	5476
*	Cadillac		1263	1068
**	Choc taw	*	1573	1256
**	x Falcen	**	865	693
**	Michigan		6924	5476
**	J. H. Sheadle		6924	547.6
**	Pioneer		1123	774
**	Andaste		1573	1256
**	Pontiac	•	2298	1788
*	Frontenac		2003	1676
"	Chattanooga	Schooner	2339	2266
	If any of the above vessel	s are leased from other own	ners, or leased to other	operating agen
	give names of owners of	or lessees and terms of leas	se: None leas	ed
e -	See memo. relative	to above fleet. The	first five vessel	s are now 1
	in name of the Clev	eland-Cliffs Iron Co.	, as per Blue Boo	k of America
	Shipping for 1909.			

	where situated: None
-	
-	
-	
-	
W	hat dock privileges does your line have?
_	
e t	terminals and other points between which boats of your line regularly run:
-	
-	
4.00	
**	
	any of your boats are not operated over regular lines (in other words, are what may
(any of your boats are not operated over regular lines (in other words, are what may designated "tramp" vessels), mention same, and state general nature of their busin
(any of your boats are not operated over regular lines (in other words, are what may
(any of your boats are not operated over regular lines (in other words, are what may designated "tramp" vessels), mention same, and state general nature of their busin and field of their operations:
(any of your boats are not operated over regular lines (in other words, are what may designated "tramp" vessels), mention same, and state general nature of their busin and field of their operations: Tramps
	any of your boats are not operated over regular lines (in other words, are what may designated "tramp" vessels), mention same, and state general nature of their busin and field of their operations: Tramps
	any of your boats are not operated over regular lines (in other words, are what may designated "tramp" vessels), mention same, and state general nature of their busin and field of their operations: Tramps
	any of your boats are not operated over regular lines (in other words, are what may designated "tramp" vessels), mention same, and state general nature of their busing and field of their operations: Tramps your company have regular schedules of freight rates? If so, give classification a
S	any of your boats are not operated over regular lines (in other words, are what may designated "tramp" vessels), mention same, and state general nature of their busing and field of their operations: Tramps your company have regular schedules of freight rates? If so, give classification attach copies of schedules in force, showing all-water rates and joint water-and-rail rates.
ess ;	any of your boats are not operated over regular lines (in other words, are what may designated "tramp" vessels), mention same, and state general nature of their busing and field of their operations: Tramps your company have regular schedules of freight rates? If so, give classification attach copies of schedules in force, showing all-water rates and joint water-and-rail rates.
ees ;	any of your boats are not operated over regular lines (in other words, are what may designated "tramp" vessels), mention same, and state general nature of their busing and field of their operations: Tramps your company have regular schedules of freight rates? If so, give classification a attach copies of schedules in force, showing all-water rates and joint water-and-rail rate.
ees ;	any of your boats are not operated over regular lines (in other words, are what may designated "tramp" vessels), mention same, and state general nature of their busing and field of their operations: Tramps your company have regular schedules of freight rates? If so, give classification a attach copies of schedules in force, showing all-water rates and joint water-and-rail rate.
ees ;	any of your boats are not operated over regular lines (in other words, are what may designated "tramp" vessels), mention same, and state general nature of their busing and field of their operations: Tramps your company have regular schedules of freight rates? If so, give classification a statach copies of schedules in force, showing all-water rates and joint water-and-rail rate.
s :	any of your boats are not operated over regular lines (in other words, are what may designated "tramp" vessels), mention same, and state general nature of their busing and field of their operations: Tramps your company have regular schedules of freight rates? If so, give classification attach copies of schedules in force, showing all-water rates and joint water-and-rail rates.
e e e e e e e e e e e e e e e e e e e	any of your boats are not operated over regular lines (in other words, are what may designated "tramp" vessels), mention same, and state general nature of their busin and field of their operations: Tramps your company have regular schedules of freight rates? If so, give classification a attach copies of schedules in force, showing all-water rates and joint water-and-rail rates.
Ar	any of your boats are not operated over regular lines (in other words, are what may designated "tramp" vessels), mention same, and state general nature of their busing and field of their operations: Tramps your company have regular schedules of freight rates? If so, give classification attach copies of schedules in force, showing all-water rates and joint water-and-rail rates.

	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
II. 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.
III. V	What is the general character of freight handled by your line? If there are several divisions
	of your line answer separately for each.
	I ron Ore, Coal and Grain
	·
	······································

	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. An	re contracts of carriage made direct with shippers or with ship brokers, forwarders, or other agencies?
Note -	Get names of principal concerns for which ore and coal are carried.
	Ore - Trade general, being that of the entire consuming interest trib- utary 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.

		TONNAGE.			
ARTICLE. Specify whether gross or n	DIRECTION.	190 7 .	190 8 .		
		Gross Tons	Gross Ton		
0re	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.

-	WO Have date	a 101 1/00.	
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 ye	ear?

Get

I. W	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" vesse If so, state the nature and effect of such competition:
. D	uring what portion of the year are your boats usually operated?
W	
W	hat is your general policy in competition with railroads and other carriers? Do you aim adopt their freight rates or to cut them in order to increase your business, or have your property with reilroads under which were are greated differential notes? What are
	agreements with railroads under which you are granted differential rates? What are differentials?
. St	tate instances, if you have knowledge of any, in which your competitors, either railroads
	other carriers or any towing companies, have given rebates or made other concessions shippers or others:
	smppers or others:

		•	
	Signature	J. H. Sheadle	

Department of Commerce and Lahor 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. CLEVEL AND-CLIFFS IRON CO. CLEVELAND. I. Name of line: HOPKINS S. S. CO. ______ Form of organization (corporation, partnership, or individual): Mercantile Bank Bldg.-Cleveland) Office Fairport Principal office, town or city: ____ 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 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:

PREFERRED STOCK. Common Stock. Bonds and Oth Indebtedness. Amount authorized Amount actually issued 265,000.00								
Preferred Stock. Common Stock. Bonds and Oth Indebtedness. Amount actually issued 265,000.00 Year. Amount. Rate. Amount. Rate. Amount. R. Dividends declared or interest actually paid annually during past ten years.			No					
Amount authorized 265,000.00 265,000.00 Year. Amount. Rate. Amount. Rate	e is incorporated, f	ill out the	following ta	ble regar	ding capital	ization, s	tock, bonds	etc.
Amount actually issued Year. Amount. Rate. Amount. Rate. Amount. R. Dividends declared or interest actually paid annually during past ten years.			Preferred	Ѕтоск.	Common S	Втоск.		
Year. Amount. Rate. Amount. Rate. Amount. Rate. In a mount. Rate. Amount. Rate. In a mount. Rate. Rate. In a mount. Rate. Rate							SAN SAN AND AND AND AND AND AND AND AND AND A	
Dividends declared or interest actually paid annually during past ten years.								
Dividends declared or interest actually paid annually during past ten years.		Year.	Amount.	Rate.	Amount.	Rate.	Amount.	Ra
Dividends declared or interest actually paid annually during past ten years.								
Dividends declared or interest actually paid annually during past ten years.								
Dividends declared or interest actually paid annually during past ten years.								-
or interest actually paid annually during past ten years.								
ally during past ten years.	or interest actu- ally paid annu- ally during past	1/						
								-
						-		
\								
		Wathan	Dana Ci	owal am	Ohio			
Officers:								
Wm. G. Mather, Pres., Cleveland, Ohio								
Wm. G. Mather, Pres., Cleveland, Ohio E.R.Perkins, Vice "Willoughby, Ohio				"	"			
Wm. G. Mather, Pres., Cleveland, Ohio								
Wm. G. Mather, Pres., Cleveland, Ohio E.R.Perkins, Vice "Willoughby, Ohio J.H.Sheadle, Sec'y, Cleveland, Ohio	Directors:							
Wm. G. Mather, Pres., Cleveland, Ohio E.R.Perkins, Vice "Willoughby, Ohio J.H.Sheadle, Sec'y, Cleveland, Ohio Wm. G. Mather, Treas., ""					,.,,,,			
Wm. G. Mather, Pres., Cleveland, Ohio E.R.Perkins, Vice "Willoughby, Ohio J.H.Sheadle, Sec'y, Cleveland, Ohio Wm. G. Mather, Treas., ""								

				,
*				
TTT 01	1		7 7.	
IV. Giv		operated by your line, in		
	each, and state whether	er same are steam, sail, bar	rge, or other craft, as	ionows:
	NAME.	CLASS OF VESSEL.	GROSS TONNAGE.	NET TONNA
	Centurion	Steam	3,401	2,728
et				
ols or				
710				
		0.00		
-08				
-08	If any of the above vesse.	ls are leased from other own	ners, or leased to other	operating age
-08		ls are leased from other own	. /	operating age
-08		ls are leased from other own	. /	operating age
-08			. /	operating age
-08			. /	operating age
-08			. /	operating age

	where situated: None
	*
V	That dock privileges does your line have?
	Only the usual privileges afforded all vessels on the lakes
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 b
	designated "tramp" vessels), mention same, and state general nature of their business
	and field of their operations: Tramp
. Does	your company have regular schedules of freight rates? If so, give classification an
	attach copies of schedules in force, showing all-water rates and joint water-and-rail rates
	No
A	re such freight rates required by law to be published or filed? If so, by what authority
	and where are they so published or filed?
	······································

. ..

N:

1.

	during 1906:
*	
	<u>-</u>
	·
Ι	Oo railroads prorate with your line on freight traffic?
Is y	your line controlled by or affiliated with any other navigation line or with any railroad
	with any dock, warehouse, or other terminal concern, whether by ownership or lease
	by mortgage or by ownership of stocks or bonds or through traffic agreements; or is it
	any other manner so controlled or affiliated? If so, specify in detail: No
I	Does your line lease, or in any manner control, except through ownership of stocks a
	bonds, as stated above, any other navigation line or railroad or any dock, warehous
	lighterage, or other terminal concern? If so, name same and state the character a
	extent of such control. No
I	n either case, annex copy of such leases or contracts.
W	hat is the general character of freight handled by your line? If there are several divisi-
,	of your line answer separately for each.
	Iron Ore, Coal & Grain
	,

*	Iron Ore & Grain South and East
	Coal North and west
	g arrangements has your line? With whom are the same made, and what a
-	ing towing charges and on what principles are they based?
contracts of	carriage made direct with shippers or with ship brokers, forwarders, or oth
Get name	s of principal industrial concerns for which vessels carry ore
	e general, being that of the entire consuming interest tributes
	ake Superior Ore region. Coal carried only for our own consum
Annex formathat extent	
Annex forms that extent	s of bills of lading or manifests. does the insurance rate on vessels and cargoes affect your competition wi
Annex forms that extent	s of bills of lading or manifests. does the insurance rate on vessels and cargoes affect your competition wi
Annex forms that extent carriers by	s of bills of lading or manifests. does the insurance rate on vessels and cargoes affect your competition wi
Annex forms that extent carriers by	s of bills of lading or manifests. does the insurance rate on vessels and cargoes affect your competition with rail?
Annex forms what extent carriers by	s of bills of lading or manifests. does the insurance rate on vessels and cargoes affect your competition with rail?

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:

	_	Ton	NAGE.
ARTICLE. Spedify whether gross or net	DIRECTION.	19047	190 -8
		Gross Tor	s Steamer was
Conl	Up(North & West)	26,412	not in com-
		Gross Tor	mission dur
Ore	Down (South & gast)		season of l

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

EAR.	Tons.	YEAR.	Tons.
907 117312	Gross Tons		
908 Non	0	 	
613		 	
ANTA SOLUTION	The Formula		
3,015 (see -95) h	The Residence of		

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?

	That other boat lines or railways connect the points between which your line runs?					
D	o you encounter any competition from "tramp" steamers, or from other "tramp" vess					
D	If so, state the nature and effect of such competition:					
Du	ring what portion of the year are your boats usually operated?					
Wha	at is your general policy in competition with railroads and other carriers? Do you air					
	adopt their freight rates or to cut them in order to increase your business, or have agreements with railroads under which you are granted differential rates? What are differentials?					
	3374					
. Sta	te instances, if you have knowledge of any, in which your competitors, either railroad					
	other carriers or any towing companies, have given rebates or made other concession					
	shippers or others:					

companies?			

g		Fred A. Morse	
Si	ignature:	riou A. Mol Se	

