

STEEL STEAMER OR MOTORSHIP

NEW YORK MAY 13 1927

Received at London Office MAY 1927

28 MAY 1927

State if Report has been sent on the Freeboard of the Vessel *Yes*State if Report is sent on the Machinery of the Vessel *Yes*Date of completion of report *May 10th 1927*Port of *Newport News Va.*No. *4229*Survey held at *Newport News Va.*Date First Survey *April 26th 1926*Last Survey *April 14 1927*On the *Steel Turbine Power Turbine Steam**ITROQUOIS*Machinery *amidships*State Type *Complete Superstructure Type*State Type of Erections *Long upper foremast*TONNAGE under Tonnage Deck... *2990.39*CLASS *100.A.1.*State if with freeboard as condition of Class *Yes*Built at *Newport News Va.*Do. of space or spaces between Tonnage Dk. and Upper Dk. *1625.73*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 394.5*Breadth (greatest moulded) *B 62.0*Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 30.5*1st Longitudinal Number (L x D) = *12032*2nd Numeral L x (B + D) = *36491*Framing Depth "d," at middle of length. See Sec. 3 (1d) *5'-0"*Proportions—Depth to Length—Uppermost continuous deck to top of keel *12.93*Do. Long Bridge to top of keel *10.25*Draught Moulded *20'-0"*Launched *Dec. 11th 1926* Yard No. *306*Builders *Newport News S. B. & D. Co.*Owners *New York Miami S. S. Corp.*Managers *Clyde Line S. S. Corp.*

(Where necessary to be entered in Reg. Book.)

Residence *New York*Port of Registry *New York*If surveyed while building, afloat, or in dry dock *Yes.*

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
AMES, Spacing amidships	27		Bracket Floors, Frame	6"x3 1/2"x15.3 [s	
" " from 1/2 length to Collision bulkhead	27		" " Reversed Frame	6"x3 1/2"x15.3 [s	
" " in peaks	24		" " Vertical Struts	6"x3 1/2"x30 L's. 24 in B.S.	
DE FRAMING.			Centre Girder, depth and thickness amidships	42"x50 1/2"x2 L. 42 in B.S.	
Frame Amidships, Angle, [or]	7"x3.45x19.1 L's		" " top Angles	3 1/2"x3 1/2"x42. 48 in B.S.	
" " Extends up to	Upper deck		" " bottom Angles	4"x4"x40.	
Reversed Frame Amidships, Angle	3"x3x9.3 L's in hull		Side Girders, No. each side and thickness	One 36 28 in B.S.	
" " Extends up to	3 1/2"x3 1/2"x9. P.U.E.R.		Margin Plate depth (excl. of flange) and thickness	33"x40 56 in B.S.	
Depth of Framing Girder	3 1/2"x3 1/2"x11.1 in B.R.		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 1/2"x6 1/2"x45 T. Bar.	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	7"x3.45x19.1 All Frames.		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 1/2"x6 1/2"x45 T. Bar.	
" " Second 'tween Decks, Angle, [or]	7"x3.45x19.1 L's.		" " Gussets, spacing and scantling abaft 1/2 len. from stem	24"x24"x17.1 All Frames.	
" " Third " " "	7"x3.45x19.1 L's.		" " Gussets, spacing and scantling forward 1/2 len. from stem	20"x20"x17.1 Every frame	
Framing in Peaks, Angle of	5"x3x9.3 L's		Tank Side Brackets, height above base line at toe of Frame and thickness	61"x42 48 in B.S.	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3"x3x7.2 L		INNER BOTTOM PLATING.		
State if Frame Joggled	7/8, 7 diam.		Breadth and thickness of Middle Line Strake	47"x40 1/2 L. 40 in B.S.	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	For peak.		Thickness of remainder in Holds	40	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Up. Coll. Plt.		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	Yes.	
DOUBLE BOTTOM.			BEAMS. L. Pronomate		
Floors, Depth and thickness at mid-line in Holds	Up. Coll. Plt.		Uppermost Continuous Deck, amidships	6"x3.5x15.3 [Every frame.	
Height of Brackets at side above base line at toe of frame	Up. Coll. Plt.		" " in way of Bridge, Angle, [or]		
Middle Line Keelson, on Floors, Angles, [or]	Up. Coll. Plt.		Spacing	27	
" " Through Plate or Intercoastal Plate	Up. Coll. Plt.		Second Deck, amidships, Angle, [or]	7"x3.45x19.1 [Every frame	
" " Foundation Plate on Floors	Up. Coll. Plt.		Spacing	27	
" " Flat Plate Keel Angles	Up. Coll. Plt.		Third Deck, amidships, Angle, [or]	8"x3.45x21.4 [Every frame	
Keelsons, No. each side	Up. Coll. Plt.		Spacing	27	
" thickness of Intercoastal Plate	Up. Coll. Plt.		Fourth Deck, amidships, Angle, [or]	8"x3.45x21.4 [Every frame	
" Angles	Up. Coll. Plt.		Spacing	27	
DOUBLE BOTTOM.			Poop Deck, Angle, [or]		
Mid Floors, thickness and spacing	240 Every 3rd frame		Spacing		
" Are Frame and Reversed Frame joggled?	Yes.		Bridge Deck, Angle, [or]		
Bracket Floors, breadth and thickness at middle line	42"x36. 48 in B.S.		Spacing		
" breadth and thickness at margin plate	42"x36 48 in B.S.		Forecastle Deck, Angle, [or]		
			Spacing		

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	2		Stringer Plate, breadth and thickness in way of Bridge	47" x 44"	
" in 'tween Decks, Size and Spacing.....	7' About 20 ft		Thickness of Plating abreast Deck openings in way of Wells		
" " " " " "	9' Cloc.		Thickness of Plating abreast Deck openings in way of Bridge		
" in Holds " " "	12"		Thickness of Plating within line of openings...	.32	
" " " " " "			If Sheathed, material and thickness	1/2" FELBOLITH	
Centre Line Bulkhead.			Third Deck. MAIN DECK.		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....	47" x 38 1/2" L .38 pl runs	
Plating, thickness of	✓		If Plated, state thickness.....	.26, about openings .32	
STRINGERS AND DECKS.			Fourth Deck. LOWER DECK.		
Uppermost Continuous Deck. L. FROM.			Stringer Plate, breadth and thickness.....	47" x 38 1/2" L .38 pl runs	
Stringer Plate, breadth and thickness in Wells			If Plated, state thickness26.	
" " " " in way of Bridge	58" x 54 1/2" L .38 pl runs		Poop Deck.		
" Angle in Wells	(re plan)		Stringer Plate, breadth and thickness	✓	
Thickness of Plating abreast Deck openings in way of Wells			Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge			Bridge Deck.		
Thickness of Plating within line of openings...			Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness	Pine 3" x 4" Cannel		Plating, Sheathing, material and thickness ...		
Forecastle Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness.....	47" x 44 1/2" L .38 pl runs		Stringer Plate, breadth and thickness	✓	
			Plating, Sheathing, material and thickness ...		

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>No.</i>			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.									
FLAT PLATE KEEL	<i>50"</i>	<i>.72</i>	<i>.72</i>	<i>.72</i>		<i>Double</i>	<i>7/8</i>	<i>3 5/16</i>	<i>3</i>	<i>7/8</i>	<i>3/2</i>	<i>Double Strapped</i>	
" DBLG. (if any)	<i>70 1/2"</i>												
BOTTOM PLATING, No. of Strakes <i>4</i>	<i>80"</i>	<i>.54</i>	<i>.42</i>	<i>.42</i>		<i>Double</i>	<i>7/8</i>	<i>3 5/16</i>	<i>3</i>	<i>7/8</i>	<i>3/2</i>	<i>Lapped</i>	
BILGE PLATING, No. of Strakes <i>One</i>	<i>74"</i>	<i>.54</i>	<i>.42</i>	<i>.42</i>		<i>"</i>	<i>7/8</i>	<i>3 5/16</i>	<i>3</i>	<i>7/8</i>	<i>3/2</i>	<i>" "</i>	
SIDE PLATING, No. of Strakes <i>7</i>	<i>64 1/2"</i>	<i>.54</i>	<i>.42</i>	<i>.42</i>		<i>"</i>	<i>7/8</i>	<i>3 5/16</i>	<i>3</i>	<i>7/8</i>	<i>3/2</i>	<i>" "</i>	
UPPER DECK, Sheer-strake in Wells.....	<i>✓</i>												
UPPER DECK, Sheer-strake in Bridge ...	<i>72"</i>	<i>.54</i>	<i>.42</i>	<i>.42</i>		<i>Double</i>	<i>7/8</i>	<i>3 5/16</i>	<i>3</i>	<i>7/8</i>	<i>3/2</i>	<i>Lapped</i>	
STRAKE BELOW Sheer-strake in Wells.....	<i>✓</i>												
STRAKE BELOW Sheer-strake in Bridge ...	<i>76"</i>	<i>.54</i>	<i>.42</i>	<i>.42</i>		<i>Double</i>	<i>7/8</i>	<i>3 5/16</i>	<i>3</i>	<i>7/8</i>	<i>3/2</i>	<i>Lapped</i>	
POOP SIDE PLATING	<i>✓</i>		<i>✓</i>										
BRIDGE SIDE PLATING ...	<i>✓</i>	<i>.54</i>	<i>.38</i>			<i>Double</i>	<i>7/8</i>	<i>3 5/16</i>	<i>3</i>	<i>7/8</i>	<i>3/2</i>	<i>Lapped</i>	
FOREO'TLE SIDE PLATING	<i>✓</i>	<i>.54</i>	<i>.38</i>			<i>Double</i>	<i>7/8</i>	<i>3 5/16</i>	<i>3</i>	<i>7/8</i>	<i>3/2</i>	<i>" "</i>	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) 8. (re plan)

" Deck next below 9.

As per Rule 7.

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper tween decks	10-6 1/8	11-4 1/4	5x3x9-8 L 30		
" " Second "	12-2 1/8	13-4 1/4	6x3x15-3 L 28		
" " Third "	13-5 1/8				
" " Holds	16-3 1/8	16-3 1/8	6x3x15-3 L 28		
COLLISION " (in Hold)	17-1 1/8	19-6 1/8	7x3x15-3 L 24		
AFTER PEAK " "	17-1 1/8	17-1 1/8	6x3x15-3 L 28		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓	1 1/2" thick		✓
STEM	Castings & Forging	9/16 x 2 1/2"	J. M. S. B & D D Co.	
STERN FRAME { Propeller Post	Steel	As per Plan	Peru Steel	
{ Rudder	Castings	As per Plan	Peru Steel	
RUDDER—A x D.....	675-6			
Speed of Vessel.....	18 KNOTS.			
RUDDER mainpiece at head ...	Forging	14"	See Top	
" " heel ...	Castings	As per Plan	Peru Steel	
" how constructed	Balanced rudder	Non filler and		
" double or single plate	plated (double)			
" coupling, vertical or horizontal.....	Horizontal Coupling			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Carnegie Steel Co. - All shapes and plating over 7-65 lbs.

7-65 lb plating and under: American Steel & Tin Plate Company

Has the Steel been tested as required by the Rules?

Equivalent to (A.B. Tested).

Peru Steel

Pipes & Flanges. National Tube Co.

Foundation

lead int

REC'D NEW YORK MAY 18 1927

EQUIPMENT No. _____										LETTER XX _____		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
27933	1st Bower ...	6600	0	0					10696	0	0		Stockless	Baldt Anchor Chain Co.	Charl. Pa. 25/26 N.S. Roberts
27937	2nd " ...	7670	0	0					11893	0	0		"	"	" 6/26 "
27938	3rd " ...	7675	0	0					11921	0	0		"	"	" 6/26 "
	Collector weight.	219	45	0											
27936	Stream	2700	0	0					5495	0	0		Stockless	"	Charl. Pa. 6/26 N.S. Roberts

CHAIN CABLES.										HAWSERS AND WARPS.								
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.		
	Length.	Diam.	Statu- lbs.	Break- lbs.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.	
27909	Fathoms.	Ins.			Owts.	qrs.	lbs.	Fathoms.	Ins.	Mid Link	Baldt Anchor Chain Works Co.	Charl. Pa. 25/26 N.S. Roberts.	TOWLINE...	120	4 1/4	143600	Fathoms.	Ins.
													HAWSERS & WARPS	4-90	8"		2-90	8"
													"	5-90	7"		2-90	7"
													"	1-90	6"			
Iron Stream Chain or Steel Wire																		

Steering Gear, Steam *12x12 Blinders: right & left hander views* Steering Gear, Hand *Hand wheel to*
8-60 per inch steel bolts *Bevel gear to right & left hander views*
 Boats *7-58* Steering Chains, Size and Test *Not fitted* Windlass *Electric, Am. Eng. Co. Patent*
1-39
 Ceiling in Holds, thickness and material *Spruce 2 1/2" laid on 2x3 Battens* Cargo Battens, thickness, material and spacing *6"x2" Spruce. 9' apart.*
 Cargo Hatchways.—(Upper Deck) *None: Main & lower deck only* Thickness of Hatches *3" Spruce.*
MAIN DECK.
 Size of No. 1 Hatchway (Forward) *12'-0"x9'-0"* No. 2 *12'-0"x9'-0"* No. 3 *12'-0"x9'-0"* No. 4 *9'-0"x9'-0"* No. 5 *12'-0"x9'-0"* No. 6 *12'-0"x9'-0"*
 Number of Shifting Beams and/or Fore and Afters *Main deck: One thwartship beam each hatch 10' deep—double angles top & bottom*
Lower " : Two thwartship beams at No. 1, 2 & 3 hatches. 9' 9" deep: double angles T & B.
 Builder's Signature _____

GENERAL DECLARATION *This vessel has been constructed under Special Survey and in accordance with the Rules and approved plans. The materials (A.B. Testin) and workmanship are good and efficient. Fuel tanks, all double bottom tanks, fuel oil tanks and fresh water tanks at side of vessel tested in accordance with the Rules and found satisfactory. All decks, turning plates, cargo ports, bulkheads and watertight doors were tested and found good and tight. The stiffening of the bottom forward and arrangement of girders forward between the quarter length and the collision bulkhead and the rivetting in the butts of side shell plating is as approved. The Bilge pumping arrangements in Engine & Boiler room conform to Rule requirements. The vessel has been arranged to burn oil fuel and all the provisions of Section 35 of the Rules forming the Carriage and burning of fuel oil have been carried out for a flash point of above 150° F.*
This vessel is respectfully submitted for the notation of 100 A.1. with freeboard 4-27: fitted for oil fuel 4-27 F.P. above 150° F & fitted with electric light in the Register Book. The vessel is also fitted with a "Wireless" installation.

The amount of Entry Fee	£	:	:	Fees applied for,	
Special Survey Fee....	\$1220.00.			May 10 1927	
Travelling Expenses, if any £	:	:	:	Received by me,	
				May 27 1927	

I am of opinion the Vessel should be Classed **100 A.1.**
with freeboard.

State whether the Vessel has been built under Special Survey *Yes* Signature *P. J. Mason*
 Certificate to be sent to *New York.* Date of issue *13/6/27* *J. T.*
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute **NEW YORK MAY 18 1927**
 Character assigned *+100 A1 With Freeboard* Note - Elec. Light
Fitted for oil fuel 4-27. F.P. above 150° F. *Wireless, F. D., C. L.,*
+ LMC. 4-27 *6 W. T. B.*
SO. 9/6/27 *Steam Pressure 275 lbs.*

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 Lloyd's Register
 Foundation

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded the Plans should be embodied.)

Approved plans retained for dealing with Sister Vessel. Newport News S.B. & D. Co.
No. 1-307 and named "SHAWNEE" now fitting out afloat.

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower

2nd "

3rd "

Drop test of 12 feet on Iron Plate. 6600 lbs. N.S.R. 27933. 28.9.
7675 lbs. N.S.R. 27938 6.10.
7670 lbs. N.S.R. 27937. 6.10.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., B.D. ☒ ft., Bridge ☒ ft., Forecastle (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒ Long upper promenade deck.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 3 decks. Steel.

Official No. 226332 : Signal Letters M.G.K.L.

Is bottom of vessel coated with cement No.
particulars of composition Bituminous mastic in peaks: Cement worked in Fed F.W. Tanks.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.
Double bottom, aft,	51'9"	76	Fore peak tank,	25'0"
Double bottom, under Engines and Boilers,	139'6"	476	After peak tank,	22'0"
Double bottom, if under Engines only,			Deep tank, aft,	
Double bottom, if under Boilers only,			Deep tank, forward,	
Double bottom, forward,	114'9"	217.	Other tanks, if fitted, Culinary F.W. Tanks	110'0"
	Total capacity of double bottom	769.	(If necessary, furnish further information by sketch.)	
	*The wells are not to be included in the lengths of the tanks.			

Order for Special Survey No. 50.

Date Mar. 6. 1926.

Dates of Surveys held while building

1926. April 28. May 13. 1922 June 1. 2. 8. 23. 24. July 8. 17. 28. Aug. 5. 6. 9. 15. Sept. 2.
Oct. 10. 18. 29. 30. Nov. 5. 9. Dec. 6. 9. 11. 20. 29. 30.
1927. Jan. 10. 12. 24. 25. Feb. 3. 10. 11. 17. Mar. 15. 23. 24. 29. 31. April 4. 6. 7. 9. 14. 15.

Total No. of V