

STEEL STEAMER or MOTORSHIP.

Received at London Office

-6 JAN 1943

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

17TH NOV. 1942

Port of

MOBILE ALA.

No.

1942.

Survey held at

CHICKASAW ALA.

Date First Survey

JUNE 3RD 1941

Last Survey

7TH NOV.

1942.

On the

(State if Machine is fitted Aft and if Single, Double or Triple Screw)

STEEL SINGLE SCREW STEAMER "RAPHAEL SENNES"

State Type

(Full Scantling, Complete Superstructure with or without Tonnage Openings)

COMPLETE SUPERSTRUCTURE.

State Type of Erections

TONNAGE under Tonnage Deck

5388.49

CLASS

+100 A.1.

State if with freeboard as condition of Class

YES.

Built at

CHICKASAW ALA.

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Total

Gross Tonnage

6165.

Net Tonnage

3519.

REGISTERED DIMENSIONS.

FEET.

Length

449.

Breadth

63.1

Depth

26.9.

Length from fore part of stem to after part of stern most on summer L.W.L. See Sec. 3 (1a)

L 449.

Breadth (greatest moulded)

B 63.

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 31.25

1st Longitudinal Number (L x D)

= 13906

2nd Numeral L x (B + D)

= 41941

Framing Depth "d," at middle of length. See Sec. 3 (1d)

Proportions—Depth to Length—Uppermost continuous deck to top of keel

Do. Long Bridge to top of keel

Draught Moulded

27'5"

Launched 10. 1. 42 Yard No. 4.

Builders GULF SHIPBUILDING CO.

Owners WATERMAN STEAMSHIP CORPN.

Managers

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

Residence MOBILE ALA.

Port of Registry MOBILE ALA.

If surveyed while building, afloat, or in dry dock

WHILE BUILDING IN DRY DOCK.

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.
FRAMES, Spacing amidships	30"	—	Bracket Floors, Frame	—	—
" " from $\frac{3}{4}$ length amidships to Collision bulkhead	27"	See Plan	" " Reversed Frame	—	—
" " in peaks	24"	—	" " Vertical Struts	—	—
FRAMING.			Centre Girder, depth and thickness amidships	52" x 52"	—
Frame Amidships, Angle, [or]	CUT 10" x 4" x 30.2"	—	" " top Angles	—	—
" " Extends up to	2ND DECK.	3rd dk see plan	" " bottom Angles	HALF GIRDERS 24" x 39"	—
Reversed Frame Amidships, Angle	—	—	Side Girders, No. each side and thickness	CUT 4" x 5" x 39"	See Plan
" " Extends up to	—	—	Margin Plate depth (excl. of flange) and thickness	—	—
Depth of Framing Girder	—	—	" " Vertical Angle to Tank side	—	—
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	8" x 4" x 17.2"	—	" " Bracket abaft $\frac{1}{2}$ len. from stem	—	—
" " Second 'tween Decks, Angle, [or]	8" x 4" x 17.2"	—	" " Vertical Angle to Tank side	—	—
" " Third " " "	—	—	" " Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area	—	—
" " from $\frac{1}{2}$ len. for'd. to $\frac{15}{16}$ len. from Stem	10" x 4" x 30.2"	See Plan	" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	—	—
" " in Peaks, Angle or [CUT A.P.]	8" x 3" x 15.4"	—	" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area	7" x 10"	—
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	WELDED.	—	Tank Side Brackets, height above base line at toe of Frame and thickness	2" x 4" x 45"	—
State if Frame Joggled	CUTOVER SHELL LAPS.	—	INNER BOTTOM PLATING.	—	—
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	AS APPROVED	—	Breadth and thickness of Middle Line Strake	51" x 52"	—
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	AS APPROVED	—	Thickness of remainder in Holds	44"	—
DOUBLE BOTTOM.			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.	—
Floors, Depth and thickness at mid-line in Holds	—	—	BEAMS.	—	—
Height of Brackets at side above base line at toe of frame	—	—	Uppermost Continuous Deck, amidships	—	—
Middle Line Keelson, on Floors, Angles, [or]	—	—	" " in Wells, Angle, [or]	—	—
" " Through Plate or Intercoastal Plate	—	—	" " in way of Bridge, Angle, [or]	4" x 3" x 9.4"	—
" " Foundation Plate on Floors	—	—	Spacing	See Plan	—
" " Flat Plate Keel Angles	—	—	Second Deck, amidships, Angle, [or]	CUT 10" x 3" x 22.4"	—
Side Keelsons, No. each side	—	—	Spacing	30"	—
" " thickness of Intercoastal Plate	—	—	Third Deck, amidships, Angle, [or]	CUT 10" x 3" x 24.8"	—
" " Angles	—	—	Spacing	30"	—
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, [or]	CUT 9" x 3" x 21.6"	DEEP TANK.
Solid Floors, thickness and spacing	39 - 30"	—	Spacing	30"	—
" " Are Frame and Reversed Frame joggled?	—	—	Poop Deck, Angle, [or]	—	—
Bracket Floors, breadth and thickness at middle line	—	—	Spacing	—	—
" " breadth and thickness at margin plate	—	—	Bridge Deck, Angle, [or]	—	—
			Spacing	—	—
			Forecastle Deck, Angle, [or]	—	—
			Spacing	—	—

014631-014641-03034

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.....	ONE PORT - ONE STARBOARD			Stringer Plate, breadth and thickness (in way of Bridge)	54" x 50"	- See plan	
„ in 'tween Decks, Size and Spacing.....	10 3/4" x 50" PIPE 47'-6"			Thickness of Plating abreast Deck openings) in way of Wells	—	75 x 39 See plan See letter 31.4.43	
„ „ „ „ „	14" x 68" PIPE 47'-6"			Thickness of Plating abreast Deck openings) in way of Bridge	—		
„ in Holds „ „	18" x 84" PIPE 47'-6"			Thickness of Plating within line of openings...	33 - 37	See plan	
„ „ „ „ „				If Sheathed, material and thickness	—		
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing.....	—			Stringer Plate, breadth and thickness.....	46" x 50"		
Plating, thickness of	—			If Plated, state thickness.....	30.		
STRINGERS AND DECKS (See letter 10.3.43 with previous vessel)				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....	—	75 abreast hatchways See plan	
Stringer Plate, breadth and thickness in Wells	81" x 71			If Plated, state thickness	—		
„ „ „ „ in way of Bridge	—			Poop Deck.			
„ Angle in Wells	—			Stringer Plate, breadth and thickness	—		
Thickness of Plating abreast Deck openings) (in way of Wells)	—		71 See plan as approved See letter 31.3.43	Plating, Sheathing, material and thickness ...	—		
Thickness of Plating abreast Deck openings) in way of Bridge	—			Bridge Deck.			
Thickness of Plating within line of openings...	33			Stringer Plate, breadth and thickness.....	—		
If Sheathed, material and thickness	—			Plating, Sheathing, material and thickness ...	—		
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...	—			Stringer Plate, breadth and thickness.....	—		
				Plating, Sheathing, material and thickness ...	—		

SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				EDGES. State if joggled?	BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		RIVETS.		RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	Diam.	No. OF ROWS OF RIVETS.	STRAPPED OR LAPPED.
FLAT PLATE KEEL	51	81	81	81		LAPED 2 1/2" CONT.		60° SINGLE VEE	
" DBLG. (if any)	—	—	—	—		FILLET WELDS.		WITH CLOSING BEAD	
BOTTOM PLATING, No. of Strakes	96	65	75	65					
BILGE PLATING, No. of Strakes	84	65	68	65					
SIDE PLATING, No. of Strakes	84	64	68	46					
UPPER DECK, Sheer-strake in Wells									
UPPER DECK, Sheer-strake in Bridge									
STRAKE BELOW Sheer-strake in Wells									
STRAKE BELOW Sheer-strake in Bridge									
POOP SIDE PLATING									
BRIDGE SIDE PLATING									
FORECASTLE SIDE PLATING									

See letter 10.3.43 with previous vessel
 For record: YBH (Call to W. dk, 6 to 2nd dk) 6 divisional W.T. B.H.s in upper tween deck
 Total No. of W.T. BULKHEADS in Vessel

FORGINGS and CASTINGS.

WATERTIGHT BULKHEADS.					FORGINGS and CASTINGS.			
Extending to Upper Deck (Sec. 3 c)	SEVEN. one				KEEL, Bar	—	—	—
" Deck next below	Six				STEM	SECTIONAL CAST STEEL		
As per Rule	SEVEN.				STERN FRAME	SECTIONAL CAST STEEL.		
					Propeller Post	SECTIONAL CAST STEEL.		
					Rudder	SECTIONAL CAST STEEL.		
					Speed of Vessel	16 KNOTS.		
					RUDDER—Type	CONTRA GUIDE C.S.		
					" A x D	67 1/2		
					" Diam. of head	12 1/4" at top See plan		
					" Mainpiece at top pintle	SECTION.		
					" " heel	SECTION.		
					" how constructed	C.S. MAINPIECE STEEL DIAPHRAGM		
					" double or single plate	DOUBLE ALL WELDED.		
					" coupling, vertical or horizontal			

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) C. I. STEEL - TENNESSEE
 STEEL. COAL IRON RAILROAD COMPANY, BIRMINGHAM, ALA. ALL STEEL TESTED BY AMERICAN BUREAU OF SHIPPING NUMEROUS CHECK TESTS MADE BY OUR SURVEILOR DURING VISITS TO WORKS.
 Has the Steel been tested as required by the Rules? SEE ABOVE.

EQUIPMENT NO. <u>PROOF STRAIN: 135 730</u>				LETTER <u>dt.</u>		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. cwt. qrs. lbs.	Cwts.			
<u>P. 8343</u>	1st Bower ...	<u>9450</u>	<u>stockless</u>	<u>287 730</u>	<u>8661</u>	<u>BALDT.</u>	<u>BALDT.</u>	<u>A.B. 3.42.</u>
<u>P. 8344</u>	2nd „ ...	<u>9450</u>	<u>stockless</u>	<u>287 730</u>	<u>8661</u>	<u>BALDT.</u>	<u>BALDT.</u>	<u>A.B. 3.42.</u>
<u>P. 8345</u>	3rd „ ...	<u>9450</u>	<u>stockless</u>	<u>287 730</u>	<u>8662</u>	<u>BALDT.</u>	<u>BALDT.</u>	<u>A.B. 3.42.</u>
	Collective weight.	<u>28, 350</u>			<u>25984</u>			
<u>P. 8391</u>	Stream	<u>5495</u>	<u>stockless</u>	<u>66, 220</u>	<u>3290</u>	<u>BALDT.</u>	<u>BALDT.</u>	<u>A.B. 3.42</u>

HAWSERS AND WARPS.

[illegible]

POWER HYDRO ELECTRIC
TILTING CONTROL.

WIRE ROPES LED THROUGH
SHEAVES TO AFTER WINCH.

Windlass *Moghi Pulley Works.*

Boats *TWO FISH BOATS*

2^d PINN SQ. OF HATCH.

2" PINE - 9"

FIVE.

ALEXANDER WOOD 2 1/2

(Fwd.) 26'-11" x 20' No. 2 37'-6" x 20' No. 3 45' x 20' No. 4 37'-6" x 20' No. 5 27'-6" x 20' No. 6 3' x 20' (F.O.)

No. 2. 7. No. 3. 9 No. 4. 7 No. 5. 5

Builder's Signature

T.O. Closed

see copy of N.Y.K. letter
30. 11. 42 attached

425.

公

The positions in which oil is carried as fuel or cargo should

be indicated, together with the flash point (where required to be inserted in the Notation). DOOR LIE BOTTOMS / DEEP TANKS F.P. ABOVE 150° F

This vessel has been built in accordance with the approved plans. The materials and workmanship are good, all tanks, have been tested to Rule require ments. The decks and casings have been cross tested. The steering gear and windlass have been fully tested and all found satisfactory. The vessel has been placed in dry dock. The bottom and keel are cleaned, examined, found in good order and coated.

5000

Fees applied for,

(Special notations, where part of class, to be stated.)

\$ 771.00

Received by me,

30 10

19

I am of opinion the Vessel should be Classed T10CA.1
SHelter DECK WITH FIREBOARD
ELECTRICALLY WELDED.

Signature

Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey

Certificate to be sent to Harold A. LA

Date of issue 27/2/43

Committee's Minute

NEW YORK DEC 2 1943

Character assigned

+ 100 A1 Shelter Dr. with free-hand
 fitted for oil fuel 11, 42, F.P.
 + LMC-11, 42. /

NOTE - ELEC. WELDED

2 WTB (cht)

500 lbs.
FD-04

The Surveyor are requested not to write on or below the Committee's Minutes.

0303^{2/2}

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 and a List of the Plans should be embodied.)

S.S. "FAIRPORT" Nos. RPT. No. 1925.
S.S. "FAIRISKE" Nos. RPT. No. 1928.
S.S. "FAIRLAND" Nos. RPT. No. 1929.

PARTICULARS OF ELECTRIC WELDING (if employed) THIS VESSEL IS ENTIRELY ELECTRICALLY WELDED
LINCOLN ELECTRIC WELDING CO. No. 7 & G.E. W. 22 - 782 AIRCO No. 5 - 842 AIRCO W - 20
G.E. P. & H. S. BEING USED THROUGHOUT ALL BUTTS CHIPPED, LAP BURNED, CHIPPED AND
WIRE BRUSHED THE FIRST PASS HAS BEEN LACED AND THE REMAINDER OF PASSES
RUNNING STRINGERS. UNION MET ALSO USED.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

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

1st Bower TEST BY AMERICAN BUREAU OF SHIPPING.
2nd " " " " " "
3rd " " " " " "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle — ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 242,074. Signal Letters Extreme Breadth over Belting — Over-all Length 468.5' V.
No. and Material of Decks THREE DECKS FORWARD - STEEL - TWO DECKS AFT - STEEL.
Parts of Bottom of Vessel coated with cement or approved composition FRESH WATER DOUBLE BOTTOM CEMENT.
Particulars of composition (if fitted) and of approval CEMENT!

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
Corrected as per letter 10.3.43 — with prev. 21.5.01 vessels

Where Fitted.	Length	Capacity Tons.	Length	Water Capacity Tons.	Where Fitted.	Length	Water Capacity Tons.
Double bottom, aft,	72.5'	353.19	127.5'	665.57	Fore peak tank,	29'	143.4
Double bottom, under Engines (and Boilers)					After peak tank,	23'	183.36
Double bottom, if under Engines only,	45.0'	244.11	40'	237.33	Deep tank, aft, Tanks in way of tunnel	—	321.44
Double bottom, if under Boilers only,					Deep tank, forward, MT	32.5'	148.60
Double bottom, forward,	197.0'	1005.94	197'	1005.94	Other tanks, if fitted, POTABLE FRESH WATER.	4.5'	81.30
Total length (if continuous) and Capacity	314.5'	1603.24			(If necessary, furnish further information by sketch.) SETTLING TANKS.	10.0'	48.8250

Order for Special Survey No. 305

Date 13/3/41.

Dates of Surveys
held while building

JUNE 3. 17. 24 JULY 10. 25. AUG. 15. 29 SEPT. 3. 9. 24. 25. 27. OCT. 3.
NOV. 15. 21. 29 DEC. 2. 5. JAN. 6. 12. 27. 28. FEB. 4. 5. 10. 16 MARCH
2. 7. 11. 16. 30 APRIL 13. 18. 21. MAY 2. 3 JUNE 15. 18 JULY 13. 18. JULY
2. 12 AUG. 8. 15. SEPT. 4. OCT. 1. 2. 8. 19 NOV. 7.

Total No. of Visits 50.