

STEEL STEAMER ~~OF MOTORSHIP~~

Received at London Office 29 SEP 1934

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 September 1st 1934 Port of Seattle, Washington. No. 2505

Survey held at Seattle, Washington. Date First Survey February 1st Last Survey August 27th 1934

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel Single Screw "WILLIAM LUCKENBACH" ex "Rappahannock" ex "Pommern"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Shelter Deck with Tonnage Openings State Type of Erections

TONNAGE under Tonnage Deck 6179.27 CLASS 100.A1. ~~xxxxx~~ with freeboard as condition of Class Yes

Built at Vegesack

Do. of space or spaces between Tonnage Dk. and Upper Dk. 194.90

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 471'-10"

Launched 1913 Yard No.

Total

Breadth (greatest moulded) B 59'-0"

Builders Bremer Vulkan

Gross Tonnage 6938.99

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 39'-2 1/2"

Owners Luckenbach S.S. Co. Inc.

Register Tonnage 4013.

1st Longitudinal Number (L x D) = 18501

Managers ---

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

REGISTERED DIMENSIONS.

FEET.

Length 471.7

Framing Depth "d," at middle of length. See Sec. 3 (1d) 17.9

Breadth 59.2

Proportions—Depth to Length—Uppermost continuous deck to top of keel 12.0

Depth 29.0

Do. Long Bridge to top of keel ---

Draught Moulded 26'-3 3/8"

Residence ---

Port of Registry New York

If surveyed while building, afloat, or in dry dock

Afloat and 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	29.1		Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead	26.7		" " Reversed Frame		
" " in peaks	23.6		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43.3 x .57-.45 B.R. 65	
Frame Amidships, xxxxxx	9 x 3 1/2 x .48		" " top Angles Double	3 1/2 x 3 1/2 x .48	
" " Extends up to	Shl tr. Dk.		" " bottom Angles Double	5 x 5 x .58	
Reversed Frame Amidships, Angle	5 x 3 1/2 x .42		Side Girders, No. each side and thickness	Two .42-.39 B.R. 50	
" " Extends up to	Lwr. T. Dk.		Margin Plate depth (excl. of flange) and thickness	43" .48 B.R. 51	
Depth of Framing Girder	9 1/2		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	3.5 x 3 x .41 -.35 B.R. 51	
Frames in Uppermost Continuous 'tween Decks, xxxxxx	9 x 3 1/2 x .48		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	3.5 x 3 x .41	
" " Second 'tween Decks, xxxxxx	9 x 3 1/2 x .48		" " Gussets, spacing and scantling abaft 1/4 len. from stem	(At every frame part of tank margin. .48 B.R. 51	
" " Third " " " "	---		" " Gussets, spacing and scantling forward 1/4 len. from stem		
Framing in Peaks, xxxxxx	9 x 3 1/2 x .48		Tank Side Brackets, height above base line at toe of Frame and thickness	76.7" .42 & .39 B.R. 51	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 6		INNER BOTTOM PLATING.		
State if Frame Joggled	No		Breadth and thickness of Middle Line Strake	42.5 .51 B.R. .61	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	(Stg's & Beams in F.P. Web Frs, Etc aft of Col. Bkd. See app. Plan)		Thickness of remainder in Holds	.42 -.38 B.R. .51	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	(Intcstls 1/2 dpth fitted fwd. of 1/2 Lgth. Etc., See app. Plan)		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	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships xxxxxx	7.8 x 3 x .41 8.6 x 3 x .43	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, xxxxxx	8 x 3.5 x .45	
Middle Line Keelson, on Floors, Angles, [or]			Spacing	On every frame	
" " " Through Plate or Intercoastal Plate			Second Deck, amidships, xxxxxx	9 x 3.5 x .55 8.6 x 3.4 x .47	
" " " Foundation Plate on Floors			Spacing	On every frame	
" " " Flat Plate Keel Angles			Third Deck, amidships, xxxxxx	9 x 3.5 x .55 8.6 x 3.4 x .47 8.7 x 3 x .5	
Side Keelsons, No. each side			Spacing	On every frame	
" " thickness of Intercoastal Plate			BOAT		
" " Angles			Fourth Deck, amidships, xxxxxx	7.8 x 3.3 x .47	
DOUBLE BOTTOM.			Spacing	On alternate frames	
Solid Floors, thickness and spacing	.42 & .39 B.R. .50		Poop Deck, Angle, [or]		
" " Are Frame and Reversed Frame joggled?	No.		Spacing		
Bracket Floors, breadth and thickness at middle line	---		Bridge Deck, Angle, [or]		
" " breadth and thickness at margin plate	---		Spacing		
			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.....Two..At Hatchway Corners						Stringer Plate, breadth and thickness in way of Bridge 80" .35					
Upper in between Decks, Size and Spacing....(Ford. 4.8"Dia. (Aft 4.0"Dia.						Thickness of Plating abreast Deck openings) xxxxxx35					
Lower " " " " (Ford. 11.8"Dia.x.53" (Aft 11.8"Dia.x.50"- .57"						Thickness of Plating abreast Deck openings) in way of Bridge35					
" in Holds " " (Ford. 17.7"Dia.x.77 (Aft 17.7"11.8"Dia.x.62"						Thickness of Plating within line of openings... .29					
" " " " "						If Sheathed, material and thickness -----					
Centre Line Bulkhead.						Third Deck.					
Stiffeners and Spacing.....						Stringer Plate, breadth and thickness..... 76" .35					
Plating, thickness of						If Plated, state thickness..... .31					
STRINGERS AND DECKS.						BOAT					
Uppermost Continuous Deck.						Fourth Deck.					
Stringer Plate, breadth and thickness xxxxxx 67" .74						Stringer Plate, breadth and thickness..... 25" .37					
" " " " in way of Bridge 67" .74						If Plated, state thickness21					
" Angle in xxxxxx 5 x 5 x .50						Poop Deck.					
Thickness of Plating abreast Deck openings) xxxxxx47						Stringer Plate, breadth and thickness					
Thickness of Plating abreast Deck openings) in way of Bridge56						Plating, Sheathing, material and thickness ...					
Thickness of Plating within line of openings... .45						Bridge Deck.					
If Sheathed, material and thickness -----						Stringer Plate, breadth and thickness.....					
Second Deck.						Plating, Sheathing, material and thickness ...					
Stringer Plate, breadth and thickness xxxxxx 80" .35						Forecastle Deck.					
						Stringer Plate, breadth and thickness.....					

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled? <i>Joggled</i>	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.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	52"	<i>1 1/4</i> <i>.87</i>	<i>1.08 approved</i> <i>.87</i>	<i>.87</i>		Double	1"	4"	Treble	1"	3 1/2"	Lapped	
" DBLG. (if any)	-												
BOTTOM PLATING, No. of Strakes <i>(4)</i>	77"	<i>+</i> <i>.63</i> ✓	<i>.63</i>	<i>.47</i> ✓		Double	7/8"	3 1/2"	4R. to 3R.	7/8"	3 1/4"	Lapped	
BILGE PLATING, No. of Strakes <i>(3)</i>	<i>66"</i> <i>100"</i>	<i>.67</i> ✓	<i>.47</i>	<i>.47</i> ✓		"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes <i>(4)</i>	<i>72"</i> <i>77"</i>	<i>.63</i> ✓	<i>.47</i>	<i>.47</i> ✓		"	"	"	3R. /	"	"	"	
UPPER DECK, Sheer-strake xxxxxx	72"	<i>.80</i> ✓	<i>.47</i>	<i>.47</i> ✓		"	1"	4"	4R. to 3R.	1"	3 1/2"	"	
UPPER DECK, Sheer-strake in Bridge ...	<i>See also statement on S. Fo 7188, regarding drilling of shell plating</i>												
STRAKE BELOW Sheer-strake in Wells.....	<i>1 1/4</i>												
STRAKE BELOW Sheer-strake in Bridge ...	<i>The approved thickness 1.08 to be taken for comparison of drillings at Special Surveys.</i>												
POOP SIDE PLATING	<i>4-10-34</i>												
BOAT Dk. xxxxxx SIDE PLATING ...	40"	<i>Radius</i> <i>.25</i>				Single	5/8"	3"	Single	5/8"	3"	Lapped	
FORECASTLE SIDE PLATING													

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		EIGHT					
SHELFER							
Extending to Upper Deck (Sec. 3 c)		COLLISION Bkd.					
Deck next below		SEVEN					
As per Rule							
		STIFFENERS.					
		Plating Thickness.		VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper tween decks		.25	3.5Z.	42 & 48"			
" " Second " "		.25	5.2BA.	30"			
" " xxxxx " "							
" " Holds32	10½BA.	30"			
COLLISION " (in Hold) ✓✓		.37	7½BA.	30"	10"C.	One	
AFTER PEAK " " ✓✓		.37	5½BA.	24 & 30"	9"BA.	One	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	--	--		
STEM	Forging	10.4x3.1"		✓
STERN FRAME { Propeller Post	Castings	11.1x8.8"		✓
{ Rudder "	"	13.2x8.8"		✓
RUDDER—A x D.....		12½		✓
Speed of Vessel.....		12½ Knots		✓
RUDDER mainpiece at head	Forging	13.13"		
" " heel ...	"	8.13"		✓
" how constructed	Built			
" double or single plate	Single			✓
" coupling, vertical or horizontal.....	Horizontal			✓

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

STEEL.

Has the Steel been tested as required by the Rules?

EQUIPMENT No. 48800

LETTER d4

ANCHORS.

Number of Certificate.	Anchor.	WEIGHT, EX STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
	1st Bower ...	Cwts. qrs. lbs. 13910	Lbs. Stockless	Tons. cwt. qrs. lbs.	Cwts.			
	2nd " ...	13720	"					
	3rd " ...	11200	"	67 5 0 0		Dunn	Amer. S. Fdy. Chester. P.	1-9-18 J.B.C
	Collective weight.	38830	"		25984 Lbs.			
670	Stream	2680	"	53270 Lbs.	2632 Lbs.	Baldt	Colmba. S. Co. San Fo.	6-6-34 F.G.A

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- Break- ing.	Supplied. Per Rule.	Length. Diam.					Length. Cir.	Tons.	Length. Cir.
	Fathoms. Ins.	Tons. Tons.	Cwts. qrs. lbs. Lbs	Fathoms. Ins.					Fathoms. Ins.		Fathoms. Ins.
	240 2½		84325 84160	300 2½	Stud Link				130 5½	84.4	130 5½
363	60 2½	11251 1525	21300 21040		"	Sea. C&M Co. Sea. 4-6-34 W. Smith			2-100 8	Manila	2 8
									2-100 8	"	2 8
Stream or Steel Wire	130 4½			130 4½							

Steering Gear, Steam by Atlas Werke Two Cylinder

Steering Gear, Hand Screw Type and efficient

Boats 4 Steel. Length 26 Ft. Steering Chains, Size and Test 3½ In. U.S. Navy.

Windlass Steam & Hand

Ceiling in Holds, thickness and material (Wood 2½ In. 2" grounds Cargo Battens, thickness, material and spacing 2 In. Wood. 15 In.

Cargo Hatchways. (Upper Deck) Steel plates and Angles Thickness of Hatches Wood 3½"

Size of No. 1 Hatchway (Forward) 33'6" x 19'7" No. 2 36'2" x 19'7" No. 3 23'10" x 16'4" No. 4 21'8" x 19'7" No. 5 21'8" x 19'7" No. 6 24'0" x 19'7"

Number of Shifting Beams in Fore and Aft No. 1:-5. No. 2:-5. No. 3:-4. No. 4:-3. No. 5:-3. No. 6:-3.

Builder's Signature

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the ~~XXXXXX~~ burning of oil used as fuel **Yes** (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo **No** The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been fully opened up, examined while lying afloat and on dry dock and found in good condition throughout. Scantlings have been checked and found in accordance with the plans approved. Vessel fitted out at this time for the burning of oil fuel F.P. above 150° F. and this work carried out and completed in accordance with the approved plans and Rules. Oil fuel is to be carried in all D.B. Tanks, Fore and After Peaks and the Lower Tween Deck Tanks in way of the E & B Space.

The quality of workmanship is good throughout and in my opinion this vessel is eligible to classed as contemplated and as noted below.

The amount of Entry Fee ... £

(This fee includes \$200)

Special Survey Fee ... \$410.00

Freeboard 90.00

Travelling Expenses, if any £ 75.00 N.Yalc

Fees applied for,

Sept 1, 1934

Received by me,

890- Dec 1, 34

8485 - 24/10/35

I am of opinion the Vessel should be Classed 100 A1. Shelter Deck with freeboard 8,34 Fitted for oil fuel 8,34 F.P. above 150° F.

State whether the Vessel has been built under Special Survey

No

Signature

W. Smith

Certificate to be sent to New York

Date of issue

23/10/34

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

NEW YORK SEP 20 1934

Character assigned

100 A1 Shelter Deck with Freeboard
Fitted for oil fuel 8.34, F.P. above 150°F.
S.S. Sea. No. 3, 8.34 LMC 8.34 T.S. 10.33
+ NB (aft) made & fitted '17.
+ NB (fwd) made 18 fitted 8.34

Note. Equipment letter d4

A. & C. R.

D.F. G.C.

Elec. Light

Ref. Mch.

S.S.B. 220 lbs Steam

Pressure. CL



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.)

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

1st Bower

2nd „

3rd „ 100-0-0 J.B.C. 7423. 1-9-18

Stream 2680 Lbs. F.G.A. 670 6-6-34

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 is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 2 Decks (Stl) & Shelter Deck (Stl)

Official No. 215709 ; Signal Letters W.J.F.E.

Is bottom of Vessel coated with cement Yes if not give

particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	150.5	545.0	Fore peak tank,		87.0
Double bottom, under Engines and Boilers,	72.8	368.0	After peak tank,		37.0
Double bottom, if under Engines only,			Double bottom, aft, Tween Dk Tanks E & B Sp)		
Double bottom, if under Boilers only,			Double bottom, forward, Fresh Water	34.0	356.00
Double bottom, forward,	187.9	691.0	Double bottom, forward, Oil Fuel	34.0	345.00
Total capacity of double bottom		1604.0	(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.

Date March 5th 1934.

Dates of Surveys held while building



Lloyd's Register Foundation

Total No. of Visits 35