

STEEL STEAMER or MOTORSHIP.

Received at London Office 18 MAY 1925

State if Report has been sent on the Freeboard of the Vessel No.State if Report is sent on the Machinery of the Vessel YES, NOW!Date of completion of report 9 MAY 1925.Port of HAMBURGNo. 16329Survey held at KIEL.Date First Survey 20 MAY 1924.Last Survey 24 MARCH 1925.

On the (State if Machinery fitted, Aft and (if Single, Twin or Triple Screw)

STEEL TWIN SC. MOTORVESSEL "TOPEKA"

State Type (Full Scantling Complete Superstructure with or without Tonnage Opening)

FULL SCANTLING VESSELState Type of Erections POOP & FORECASTLE

TONNAGE under Tonnage Deck...

4508.90.CLASS * 100 A1.

State if with freeboard as condition of Class

No.Built at DEUTSCHE WERKE, KIEL.

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

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

L 365Launched 17 JAN. 1925 Yard No. 198.

Breadth (greatest moulded)

B 51Builders DEUTSCHE WERKE, WERFT KIEL.

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

D 34Owners WILHELM WILHELMSEN.

Total

1st Longitudinal Number (L x D) = 12410Managers Do.

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

2nd Numeral L x (B + D) = 31025Residence OSLO, NORWAY.

REGISTERED DIMENSIONS.

FEET.

Length

366.3

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

21'-8"

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

10.75Port of Registry TÖNSBERG.

Breadth

51.2

Do. Long Bridge to top of keel

1/2

If surveyed while building, afloat, or in dry dock

Draught

31.4Draught Moulded 23'-9"YES! GRAVING-DOCK, AFLOAT & 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.
ES, Spacing amidships	900			✓	Bracket Floors, Frame	250	90	13	✓
" from 1/2 length to Collision bulkhead	685			✓	" " Reversed Frame	240	90	12	✓
" in peaks	610			✓	" " Vertical Struts	240	90	12	✓
FRAMING.					Centre Girder, depth and thickness amidships	1090	13.5	11	✓
ne Amidships, Angle, E or C	300	95	16	✓	" " top Angles	90	90	13	✓
" Extends up to	2ND DK.			✓	" " bottom Angles	100	100	14.5	✓
rsed Frame Amidships, Angle DEPT.	130	130	14	✓	Side Girders, No. each side and thickness	ONE	-	11	✓
" Extends up to	2ND DK.			✓	Margin Plate depth (excl. of flange) and thickness	920	x	14	✓
th of Framing Girder	310			✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	150	150	13	✓
nes in Uppermost Continuous 'tween Decks, Angle, E or C	200	85	10	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	150	150	13	✓
" Second 'tween Decks, Angle, E or C	x			✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	90	90	12	✓
" Third " " "	x			✓	" " Gussets, spacing and scantling forward 1/2 len. from stem	130	130	12	✓
ing in Peaks, Angle or C	190	85	11.5	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	1850	x	15	✓
eter and Spacing of Rivets through Frame and Shell Plating amidships	22	5 1/2	x	✓	INNER BOTTOM PLATING.				
if Frame Joggled	No			✓	Breadth and thickness of Middle Line Strake	1300	12.5	11	✓
NG ARRANGEMENTS (Sec. 7), state system and particulars	340 DEPT. FRAMES			✓	Thickness of remainder in Holds		11.5	10	✓
	300 95 15.5			✓	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			✓
	150 90 14			✓	BEAMS.				
STRENGTHENING OF BOTTOM FOR-CASTLE. State Particulars. FRAMES	3 SIDE GIRD.			✓	Uppermost Continuous Deck, amidships in Wells, Angle, E or C	250	90	12.5	✓
	130 130 11			✓	" " in way of Bridge, Angle, E or C	2			✓
DOUBLE BOTTOM.					Spacing	900			✓
s, Depth and thickness at mid-line in Holds	2			✓	Second Deck, amidships, Angle, E or C	290	90	14	✓
Height of Brackets at side above base line at toe of frame	2			✓	Spacing	900			✓
Line Keelson, on Floors, Angles, E or C	2			✓	Third Deck, amidships, Angle, E or C	2			✓
" " Through Plate or Intercoastal Plate	2			✓	Spacing	2			✓
" " Foundation Plate on Floors	2			✓	Fourth Deck, amidships, Angle, E or C	2			✓
" " Flat Plate Keel Angles	2			✓	Spacing	2			✓
Keelsons, No. each side	2			✓	Poop Deck, Angle, E or C	220	75	11	✓
" thickness of Intercoastal Plate	2			✓	Spacing	1220			✓
" Angles	2			✓	Bridge Deck, Angle, E or C	2			✓
DOUBLE BOTTOM.					Spacing	2			✓
Floors, thickness and spacing	2ND FRAM. 11			✓	Forecastle Deck, Angle, E or C	230	90	11.5	✓
" Are Frame and Reversed Frame joggled?	No			✓	Spacing	610			✓
Bracket Floors, breadth and thickness at middle line	900 x 11			✓					
" breadth and thickness at margin plate	900 x 11			✓					

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.....		1							
" in 'tween Decks, Size and Spacing.....	EVERY FR.	65	✓		Stringer Plate, breadth and thickness in way of Bridge	2		✓	
HATCH END PILLARS.	100	125	✓		Thickness of Plating abreast Deck openings in way of Wells.....	9		✓	
" " " " "					Thickness of Plating abreast Deck openings in way of Bridge	2		✓	
" in Holds " "		2	✓		Thickness of Plating within line of openings...	9		✓	
" " " " "		2	✓		If Sheathed, material and thickness	2		✓	
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....	EVERY FRAME 5	180 75 9	✓		Stringer Plate, breadth and thickness.....	2			
		200 75 12	✓						
		270 90 13	✓		If Plated, state thickness.....	2			
Plating, thickness of		8 - 7.5	✓		Fourth Deck.				
STRINGERS AND DECKS.					Stringer Plate, breadth and thickness.....	2			
Uppermost Continuous Deck.					If Plated, state thickness	2			
Stringer Plate, breadth and thickness in Wells	1400	145 10	✓		Poop Deck.				
" " " " in way of Bridge	2		✓		Stringer Plate, breadth and thickness	8			
" Angle in Wells	130	130 145	✓		Plating, Sheathing, material and thickness ...	PITCH PINE 70			
Thickness of Plating abreast Deck openings in way of Wells		11.5	✓		Bridge Deck.				
Thickness of Plating abreast Deck openings in way of Bridge		2	✓		Stringer Plate, breadth and thickness.....	2			
Thickness of Plating within line of openings...		2	✓		Plating, Sheathing, material and thickness ...	2			
If Sheathed, material and thickness		2	✓		Forecastle Deck.				
Second Deck.					Stringer Plate, breadth and thickness.....	8.5			
Stringer Plate, breadth and thickness in Wells...	1200	10 - 9	✓		Plating, Sheathing, material and thickness ...	PITCH PINE 75.			

SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>Joggled</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.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	1260	18.5	16	16	✓	DOUBLE	22	75	QUADR.	25	96	LAPPED.
„ DBLG. (if any)	2.	2.	2.	2.		2.	2.	2.	2.	2.	2.	2.
BOTTOM PLATING, No. } of Strakes4.....		18	16	13	✓	DOUBLE	22	75	QUADR.	22	86	DO
BILGE PLATING, No. of } Strakes2.....		16	13	15	✓	DO	22	90	TRIPLE	22	78	DO
SIDE PLATING, No. of } Strakes6.....		16	18	11.5	✓	DO	22	90	DO	22	78	DO
UPPER DECK, Sheer- } strake in Wells.....	1700	16.5	11.5	11.5	✓	DO	22	90	QUADR.	22	78	DO
UPPER DECK, Sheer- } strake in Bridge ...		2.	2.	2.		2.	2.	2.	2.	2.	2.	2.
STRAKE BELOW Sheer- } strake in Wells.....		16	11.5	11.5	✓	DOUBLE	22	90	TRIPLE	22	78	DO
STRAKE BELOW Sheer- } strake in Bridge ...		2.	2.	2.		2.	2.	2.	2.	2.	2.	2.
POOP SIDE PLATING		2.	2.	9.5		SINGLE	19	75	DOUBLE	19	68	DO
BRIDGE SIDE PLATING ...		2.	2.	2.		2.	2.	2.	2.	2.	2.	2.
FOREC'TLE SIDE PLATING		2.	2.	10		DOUBLE	19	75	DOUBLE	19	68	DO.

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—						Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c).....						5 WT AND 1 OIL T.			
" Deck next below.....						1 OIL T.			
As per Rule.....						6 BULKHEADS.			
		Plating Thickness.	STIFFENERS.						
			VERTICAL.		HORIZONTAL.				
			Scantlings.	Spacing.	Scantlings	Spacing.			
MIDSHIP BULKHEAD, Upper tween decks		7	130-45-8	760	2	2			
"	" Second "	4	2	2	2	2			
"	" Third "	2	2	2	2	2			
"	" Holds	11-8	300-95-16	760	2	2			
COLLISION " (in Hold)		13-8	300-95-16	610	2	2			
AFTER PEAK "		11.5-8	250-90-15	610	2	2			
KEEL, Bar						2	2	2	2
STEM						FORGING	255-70	THYSEN & CO.	MÜHLHEIM.
STERN FRAME {						Propeller Post	2	2	2
						Rudder "	FORGING	200 x 100	WUPPERMAN
RUDDER—A x D. 123.8 x 3.39						420	2	2	2
Speed of Vessel.....						11.5	2	2	2
RUDDER mainpiece at head ..						DIAG.	245	WUPPERMAN.	Schlebusch.
" " heel ..						DIAG.	190	2	2
" how constructed						KEYED	ARMS	2	2
" double or single plate						SINGLE	PLATE	2	2
" coupling, vertical or horizontal.....						HORIZONTAL.			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) SIMONS MARTIN STEEL O. HEARTH

OF APPROVED WORKS: PLATES & BARS: Charlottenhütte; Gutehoffnungs-Hütte; Aachen - ROTE ERDE; August Thyssen at
Hamborn; Lauchhammer at Riesa. -

Has the Steel been tested as required by the Rules? YES!

EQUIPMENT No. <u>32200</u> /												LETTER <u>X</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.				
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Owts.							
<u>525.</u>	1st Bower ...	<u>54</u>	<u>0</u>	<u>3</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>44</u>	<u>16</u>	<u>2</u>	<u>7</u>	<u>✓</u>	<u>GRUSON STOCKLESS</u>	<u>OTTO GRUSON</u>	<u>DUSS-ELDER 13.2.25.</u>				
<u>524.</u>	2nd „ ...	<u>53</u>	<u>3</u>	<u>26</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>44</u>	<u>15</u>	<u>0</u>	<u>0</u>	<u>✓</u>	<u>56 1/4</u>	<u>Do</u>	<u>MAGDEBURG.</u>	<u>20.2.25.</u>			
<u>523.</u>	3rd „ ...	<u>53</u>	<u>3</u>	<u>6</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>44</u>	<u>13</u>	<u>3</u>	<u>0</u>	<u>✓</u>	<u>Do</u>	<u>Do</u>	<u>Do.</u>	<u>KARL HAUSS.</u>			
	Collective weight.	<u>161</u>	<u>3</u>	<u>7</u>	<u>✓</u>							<u>✓</u>	<u>160.0.0.</u>	<u>✓</u>		<u>Russ. +</u>	<u>2</u>	<u>Karl Hauss.</u>	
<u>177</u>	Stream	<u>18</u>	<u>3</u>	<u>21</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>19</u>	<u>17</u>	<u>2</u>	<u>0</u>	<u>✓</u>	<u>18 3/4</u>	<u>✓</u>	<u>Do</u>	<u>Do</u>	<u>Russ. - LONDON.</u>	<u>31.5.1922.</u>	

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.	Ins.				
	Fathoms. Ins.	Tons. Tons.	Owts. qrs. lbs.	Owts.			Fathoms. Ins.					Fathoms. Ins.							
<u>149</u>	<u>270</u> <u>2 1/8</u>	<u>81.50</u> <u>113 1/2</u>	<u>641.2.6</u>	<u>608 3/4</u>			<u>270</u> <u>2 1/8</u>	<u>STUDLINK</u>	<u>HANSA KETTEN</u>	<u>DUSS-ELDER 12.2.25.</u>	<u>TOWLINE</u>	<u>120</u> <u>3 3/4</u>	<u>41.5</u>	<u>120</u> <u>4 1/2</u>	<u>4 1/2</u>				
									<u>FABR. DORTMUND</u>	<u>JUL. GURST</u>	<u>HAWSERS & WARPS</u>	<u>180</u> <u>2 1/4</u>	<u>15.2</u>	<u>180</u> <u>2 1/2</u>	<u>2 1/2</u>				
												<u>180</u> <u>2 1/4</u>	<u>15.2</u>	<u>180</u> <u>2 1/2</u>	<u>2 1/2</u>				
Iron Stream Chain or Steel Wire	<u>90</u> <u>4 1/2</u>	<u>2</u> <u>57</u>					<u>90</u> <u>4 1/2</u>	<u>STEELW.</u>	<u>CARBONIT AG.</u>	<u>KIBL</u>		<u>2</u> <u>2</u>	<u>2</u> <u>2</u>	<u>2</u> <u>2</u>	<u>2</u> <u>2</u>				

Steering Gear, Steam DIRECT ELECTRIC DRIVEN. Steering Gear, Hand YES.

Boats 48.6.81 x 2.06 x 0.91 m. Steering Chains, Size and Test No Chains. Windlass DIR. ELECTR. DRIVEN.
12.5.60 x 1.75 x 0.72 m.

Ceiling in Holds, thickness and material 2 1/2" PINE. Cargo Battens, thickness, material and spacing 2" x 6" PINE 10" SPACE.

Cargo Hatchways.—(Upper Deck) 5. STEEL PLATES AND ANGLES. Thickness of Hatches 2 1/2" PINE.

Size of No. 1 Hatchway (Forward) 7535 x 5000 No. 2 9900 x 5000 No. 3 7200 x 5000 No. 4 8100 x 5000 No. 5 8100 x 5000 No. 6 2

Number of Shifting Beams and/or Fore and Afters No. I = 5, No. II = 5, No. III = 5, No. IV = 5, No. V = 5 Shifting BEAMS AS APPROVED!

Deutsche Werke A.-G.

Werft Kiel
Schiffbauabteilung

Builder's Signature per Deutsche Werke A.G. - i.A. Stein
Werk Kiel.

GENERAL DECLARATION This vessel has been built in accordance with the approved and amended plans, the requirements embodied in the Secretary's letters and in all other respects in conformity with the Rules and Society's requirements. —

The workmanship is throughout good, all parts conforming well with each other and satisfactorily fitted together. — The double bottom tanks, peak and deep tanks have been filled and tested as required by the Rules and were found tight also weather-decks and bulkheads. — The painting arrangements have been carried out as approved, and the bottom forward has been strengthened as required. —

All steel material used in the construction of the vessel is manufactured by the S.M. open hearth process, made at works approved, and tested by the Society's Surveyors in accordance with the Rules. —

Anchor & Cables have been compared with Certificates and were found in order. — The Freeboard, assigned by the Norwegian Authorities is 10' 8" corresponding with a summer draught of 23' 9" on Builders Displacement Scale. —

The amount of Entry Fee £ 8 : 0 : 0 Fees applied for, 15. APRIL 1925
Special Survey Fee.... £ 324 : 11 : 0 Received by me, [Signature]
Travelling Expenses, if any £ 25 : 9 : 0 19. 2. 25

State whether the Vessel has been built under Special Survey YES! Signature [Signature]

Certificate to be sent to OWNERS! Date of issue 15/6/25. Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 12 JUN 1925

Character assigned + 100A1

with freeboard

Lloyd's A & C + Limb. 3.25 Cl

Oil Engines

DB - 100A

[Signature]

[Signature]

[Signature]

The Surveyors are requested not to write on or before the Committee's Minute.



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Lloyd's Register Foundation

W279-0108 2/2

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.)

Approved Plans attached:

1. Section.
2. Profile.
3. 2. Bulkhead.
4. 2. Engine Seatings.
5. Shaft-Tunnels.
6. Rudder.
7. Stern-frame.
8. Propeller-brackets.
9. 3. Framing-stiffening aft.
10. Deck-Pillars-Girders.
11. Support Hatchway 3.
12. 3 of Oil deep tank.
13. Strengthening of double bottom forward.
14. Oil fuel Tanks.
15. Steering arrangements.
16. Hatchway beams.
17. Bidge-brackets forward.
18. 3 Test Certificates: Stern frame & Rudder & Propeller Brackets.

L. D. W. N.

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

1st Bower W = 36.0.10; DROP 12.0"; L.R. 2294-MB-30.1.25. M. BERG. DÜSSELDORF.
2nd „ W = 36.1.19; DROP 12.0"; L.R. 2293-MB-30.1.25. M. BERG. DÜSSELDORF.
3rd „ W = 36.1.6; DROP 12.0"; L.R. 2292-MB-30.1.25. M. BERG. DÜSSELDORF.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 52.0 ft., R.Q.D. 2 ft., Bridge 2 ft., Forecastle 62.4 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) TWO STEEL DECKS = TWO TIERS OF BEAM

Official No. 2; Signal Letters L. D. W. N. Is bottom of Vessel coated with cement F.W.T. YES— if not particulars of composition PEAK TANKS CEMENT, FUEL OIL DOUBLE BOTTOM TANKS WITH OIL AND ALL BIRGES ASPHALT.—

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, ✓	106.3	254.6	Fore peak tank,	23.3	10
Double bottom, under Engines and Boilers,	2	2	After peak tank,	22.0	6
Double bottom, if under Engines only, ✓	53.2	202.0	Deep tank, aft, TWO BETW. TUNNELS, TWO AT SIDES, F.O.	19	19
Double bottom, if under Boilers only,	2	2	Deep tank, forward, MIDSHIPS	23.6	72
Double bottom, forward,	141.0	423.0	Other tanks, if fitted, F.W. TANKS IN TWEEN DECK.	10.39 11.7	3
Total capacity of double bottom		879.5	(If necessary, furnish further information by sketch.)		
300.5			* The wells are not to be included in the lengths of the tanks.		

Order for Special Survey No. 91.

Date 5 APRIL 1924.

Dates of Surveys held while building

1924: MAY: 20; JUNE: 24; JULY: 4; AUG. 14 & 29; SEPT. 4 & 5 & 10 & 12; OCT. 1 & 3 AND 10 & 16 & 21 & 28 & 30 & 31; NOV. 4 & 5 & 11 & 13 & 14 & 18 & 21 & 25; DEC. 1 & 9 & 13 & 16 AND 22 & 23 & 30.: 1925: JAN. 6 & 7 & 13 & 20 & 26 & 28 & 29; FEBRY: 3 & 4 & 10 & 16 & 17 & MARCH: 3 & 9 & 12 & 17 & 24.—

Total No. of Visits 3