

Rpt. 1.

SECTION

No.

STEEL STEAMER or MOTORSHIP.

Received at London Office 8 OCT 1925

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

2ND OCTOBER 1925

Port of

GOTHENBURG.

No. 6212.

Survey held at

GOTHENBURG.

Date First Survey

7TH AUG. 1924

Last Survey

5TH OCTOBER 1925.

On the

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

STEEL TWIN SCREW MOTORSHIP "DELHI" (MACHINERY AMIDSHIPS)

State Type

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

COMPLETE SUPERSTRUCTURE WITH TONNAGE OPENING

State Type of Erections $\frac{1}{2}$ HEIGHT FORECASTLE

TONNAGE under Tonnage Deck

4041.57

CLASS + 100 A1

State if with freeboard as condition of Class

YES.

Built at

GOTHENBURG

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

240.06

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

L 390.0 118.87

Breadth (greatest moulded)

B 52.5 16.0

Total

4281.63

Gross Tonnage

4571.37

Register Tonnage

2605.89

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

D 37.0 11.28

1st Longitudinal Number (L x D)

= 14040 1300

2nd Numeral L x (B + D)

= 34515 3206

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

24.25 7.44

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

10.5

Do. Long Bridge to top of keel

24.9 7.4

Draught Moulded

24.9 7.4

Manager

G. BORIN.

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

Residence

GOTHENBURG.

Port of Registry

GOTHENBURG.

If surveyed while building, afloat, ~~or~~ AND in dry dock

YES.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP. M.M.	Any Departure from Approved Plans to be Noted.		IN SHIP. M.M.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	710		Bracket Floors, Frame	180 85 10.5	
" " from $\frac{1}{2}$ length to Collision bulkhead	710		" " Reversed Frame	170 75 10.5	
" " in peaks	610		" " Vertical Struts	170 75 10.5	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	1090 13.5	
Frame Amidships, Angle, E or F	300 90 17		" " top Angles	90 90 13	
" " Extends up to	UPPER AND 2 ND DECK ALTY.		" " bottom Angles	100 100 15	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	2 10	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	960 13	
Depth of Framing Girder	300		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	130 130 12.5	
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	SEE ABOVE		" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	130 130 12.5	
" " Second 'tween Decks, Angle, E or F			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	90 90 10	
" " Third " " " "			" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	90 90 10	
Framing in Peaks, Angle or F	190 85 9.5		Tank Side Brackets, height above base line at toe of Frame and thickness	1830 11.5	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	22 154		INNER BOTTOM PLATING.		
State if Frame Joggled	YES		Breadth and thickness of Middle Line Strake	2250 11.5	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	WEB FRAMES AND STRINGERS AS PER PLAN		Thickness of remainder in Holds	10.5 9.5	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	AS PER 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 in Wells, Angle, E or F	250 90 12.5	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, E or F		
Middle Line Keelson, on Floors, Angles, E or F			Spacing	ALTERNATE FRAMES	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, E or F	290 90 15	
" " Foundation Plate on Floors			Spacing	ALTERNATE FRAMES	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, E or F	290 90 15	
Side Keelsons, No. each side			Spacing	ALTERNATE FRAMES	
" " thickness of Intercostal Plate			Fourth Deck, amidships, Angle, E or F		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, E or F		
Solid Floors, thickness and spacing	10 ALT. FRAMES		Spacing		
" " Are Frame and Reversed Frame joggled?	YES		Bridge Deck, Angle, E or F		
Spacing			Spacing		
Bracket Floors, breadth and thickness at middle line	820 10		Forecastle Deck, Angle, E or F	240 90 11.5	
" " breadth and thickness at margin plate	820 10		Spacing	ALTERNATE FRAMES	

PILLARS AND DECKS.

	INCHES IN SHIP. M.M.		Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. M.M.		Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....		2		Stringer Plate, breadth and thickness in way of Bridge			
" in 'tween Decks, Size and Spacing.....		155 9.5		Thickness of Plating abreast Deck openings in way of Wells	11		
" " " " " "		SPACED 12 F.S.		Thickness of Plating abreast Deck openings in way of Bridge			
" in Holds " "		330 14.5		Thickness of Plating within line of openings...	10		
" " " " " "		SPACED 12 F.S.		If Sheathed, material and thickness			
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing				Stringer Plate, breadth and thickness.....	9		
Plating, thickness of				If Plated, state thickness.....	9		
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells		1800 12.5		If Plated, state thickness			
" " " " in way of Bridge				Poop Deck.			
" Angle in Wells	130	130 12.5		Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings in way of Wells		10		Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings in way of Bridge				Bridge Deck.			
Thickness of Plating within line of openings...	9		✓	Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness	OREGON PINE	75	✓	Plating, Sheathing, material and thickness ...			
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...	1830	11	✓	Stringer Plate, breadth and thickness.....	9		
				Plating, Sheathing, material and thickness ...	9	OREGON PINE 75	

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	No.		No. OF ROWS OF RIVETS.	RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing or to cr.		Diam.	Spacing or to cr.
	Inches. M.M.	Inches. M.M.	Inches. M.M.	Inches. M.M.			Inches. M.M.	Inches. M.M.		Inches. M.M.	Inches. M.M.
FLAT PLATE KEEL	1680	19.5	17	17		DOUBLE	22	90	4R FOR 1/2 L	25	100
" Dble. (if any)											
BOTTOM PLATING, No. of Strakes ...4.....	1810	14	14	12		DOUBLE	22	90	3R	22	80
BILGE PLATING, No. of Strakes	1670	14	13	12		"	"	"	3R	"	"
SIDE PLATING, No. of Strakes ...4.....	1800	13.5	11.5	11.5		"	"	"	3R	"	"
UPPER DECK, Sheer- strake in Wells.....	1800	15.5	11.5	11.5					4R FOR 1/2 L	"	90
UPPER DECK, Sheer- strake in Bridge ...											
STRAKE BELOW SHEER- strake in Wells.....	1830	15	11.5	11.5		DOUBLE	22	90	3R	22	80
STRAKE BELOW SHEER- strake in Bridge ...											
POOP SIDE PLATING											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING			10						2R	19	65

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c).....	1
" Deck next below.....	6
As per Rule 1 TO FORECASTLE DECK, 5 TO DECK NEXT BELOW	

	Plating Thickness. M.M.	STIFFENERS.	
		VERTICAL.	HORIZONTAL.
		Scantlings/Spacing.	Scantlings/Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	FRAME 38 64	10-6.5 300x95x145	765 NONE ✓
	10-5-7	290x90x15	850 NONE ✓
" Second " 84	10-7	290x90x145	324 NONE
" Third " 109	10-7	300x95x145	848 NONE
" Holds 134	10-5-6.5	270x90x14	840 NONE
COLLISION " (in Hold) 160	12-5-7	220x75x12	571 1 SEMI-BOX
AFTER PEAK " " 10	10-5-7	70x75x9	610 NONE

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings. M.M.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM		240 x 63		
STERN FRAME { Propeller Post				
{ Rudder	CASTING	265 x 76	A.B. LINDHOLMEN - MOTALA	
RUDDER—A x D		1500		
Speed of Vessel		12.5 K.		
RUDDER mainpiece at head ...	FORGING	275	A.B. LINDHOLMEN - MOTALA	
" " heel ...		208		
" how constructed		DET. ARMS		
" double or single plate coupling, vertical or horizontal		SINGLE PLATE		
		VERTICAL		

STEEL.

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

GUTHOFFUNGSHUTTE, SOUTH DURHAM, PHOENIX, MANNESMANNROHREN, NORMAN LONG.
OPEN HEARTH PROCESS

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

EQUIPMENT No. 35510 OR 3298											LETTER	Z	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.	Cwts.			
28907	1st Bower ...	64	3	0		✓		50	17	2	0	63 ³ / ₄	BYERS IMPROV. STOCKLESS	✓	SUND. 29-5-25 J.H.B.
28905	2nd „ ...	64	0	14		✓		50	12	2	0	63 ³ / ₄	D°	✓	„ 29-5-25 J.H.B.
28909	3rd „ ...	54	3	14		✓		45	5	3	21	54 ¹ / ₂	D°	✓	„ 30-5-25 J.H.B.
	Collective weight.	183	3	0								182			
978	Stream	17	2	14	4	1	8	18	14	1	14	17 ¹ / ₂	COMMON STOCK	N.V. NEDERLANDSCHE KETT. & AN. FAB.	ROTTERDAM 27-11-24 H.P.J.

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-tory.	Break-ing.	Supplied.	Per Rule.			Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
1098	120	2 1/4	9 1/8	12 1/2	308-1-Y	682 1/4			270	2 1/4	STUD LINK	N.V. NEDERLANDSCHE K & A FABRIK	ROTT. 8-12-24 H.P.J.	TOWLINE	220	5	59.9	220	5
1073	150	2 1/4	9 1/8	12 1/2	383-2-1						D°	D°	" 11-8-24 C.H.B.	HAWSERS & WARPS	4 = 165	3	18.3	2 = 165	2 3/4
Iron Stream Chain or Steel Wire	M.								M					" SW	2 = 165	2 1/2	12.7	2 = 165	2 1/2
	165	4 3/4		47 3/4					165	4 3/4				"	2 = 165	8			

ARRANGED AS PER SECY'S
Steering Gear, **Steam** HASTIES ELEC-HYD. LETTER "M" 23-6-24. Steering Gear, **Hand** NO AUX. MEANS OF STEERING.

Boats 2 LIFEBOATS. 2 DINCHYS. Steering Chains, Size and Test NONE Windlass EMERSON, WALKER ELEC.

Ceiling in Holds, thickness and material 2 1/2" PINE ON 1" GROUNDS Cargo Battens, thickness, material and spacing 2" PINE. SPACED 9" EDGE TO EDGE.

Cargo Hatchways. (Upper Deck) STEEL COAMINGS Thickness of Hatches 2 1/2"

Size of No. 1 Hatchway (Forward) 27'-10" x 15'-11" No. 2 27'-10" x 15'-11" No. 3 27'-10" x 15'-11" No. 4 27'-10" x 15'-11" No. 5 27'-10" x 15'-11" No. 6

Number of Shifting Beams and/or Fore and Afters 5 IN EACH HATCH.

Builder's Signature *[Signature]* AKTIEBOLAGET LINDHOLMEN MOTALA
AVD. LINDHOLMENS VARSTAD

GENERAL DECLARATION THIS VESSEL HAS BEEN BUILT UNDER SPECIAL SURVEY IN ACCORDANCE WITH THE APPROVED PLANS AND INSTRUCTIONS AND ALL THE RULE REQUIREMENTS HAVE BEEN COMPLIED WITH.

THE WORKMANSHIP IS GOOD.

ALL DOUBLE BOTTOM, PEAK AND WING TANKS HAVE BEEN TESTED AS REQUIRED BY THE RULES.

THE W.T. BULKHEADS, SHAFT TUNNELS AND DECKS HAVE BEEN TESTED WITH WATER FROM A HOSE AND FOUND TIGHT.

THE MATERIALS ARE GOOD.

FORGINGS AND CASTINGS AS PER CERTIFICATES ATTACHED

THE FREEBOARD HAS BEEN VERIFIED AND SET IN ON THE VESSEL'S SIDES.

STEERING GEAR AND WINDLASS TESTED

A LETTER FROM THE OWNERS REGARDING THE SEAMS OF THE INNER BOTTOM PLATING IN THE MACHINERY SPACE IS ATTACHED AS REQUIRED BY SECT. LETTER "M" 9-Y-25.

PLANS OF THE VESSEL AS BUILT (2 IN NUMBER) I.E. MIDSHIP SECTION AND PROFILE & DECKS ARE FORWARDED UNDER SEPARATE COVER.

THIS VESSEL IS A DUPLICATE OF M.S. "AGRA" No 37915 IN REGISTER BOOK.

The amount of Entry Fee £ K1. : 145:60 Fees applied for, 3/10/1925

Special Survey Fee £ K1. : 5524:95 Received by me, 13/10/1925

Travelling Expenses, if any £ K1. : 4:50

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.

Certificate to be sent to SUR. OFFICE. GOTHENBURG. Date of issue 13/10/25.

Signature *[Signature]* Surveyor to Lloyd's Register of Shipping.

Committee's Minute
Character assigned

TUES. 13 OCT 1925

+ 100 A.1

With freeboard

Lloyd's Assoc.

+ Lmb. 10, 25 Cf
Oil Engines
LB.-85 Hk

Wrote them



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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 and a List of the Plans should be embodied.)

Rpt.

Date of

No. in
Reg. Bo.

179

Master

Engine

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Brake

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Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	36-3-18	K.H.	3383	17-3-25
	2nd "	36-2-24	M.B.	2345	27-2-25
	3rd "	36-2-26	M.B.	2410	30-3-25

PARTICULARS FOR RECORD in the REGISTER BOOK. Length of Poop ft., R.Q.D. ft., Bridge HALF HEIGHT ft., Forecastle 32.6
(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 DKS (STL) (W.D.-W.S.) 3RD DE (STL) IN N^O 1 HOLD

Official No. 7229 ; Signal Letters K.F.T.B. Is bottom of Vessel coated with cement PARTLY if not give particulars of composition CEMENT FITTED IN BILGES, PEAKS AND TUNNEL WELL.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	112	284	Fore peak tank,	18	69
Double bottom, under Engines and Boilers,			After peak tank,	20	49
Double bottom, if under Engines only,	30	101	Deep tanks aft,	19	72
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	186	610	Other tanks, if fitted,		
	Total capacity of double bottom	995	(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. 125

Date 26-5-24.

Dates of Surveys held while building

1924:- 7/8, 5/9, 10/9, 19/9, 27/9, 29/9, 1/10, 10/10, 14/10, 23/10, 4/11, 10/11, 17/11, 19/11, 20/11, 23/11, 27/11, 1/12, 2/12, 3/12, 4/12, 6/12, 8/12, 9/12, 10/12, 11/12, 22/12, 29/12, 31/12. 1925:- 3/1, 16/1, 28/1, 31/1, 2/2, 14/2, 27/2, 3/3, 5/3, 10/3, 12/3, 23/3, 27/3, 31/3, 16/4, 21/4, 27/4, 28/4, 4/5, 4/5, 11/5, 14/5, 24/5, 28/5, 28/5, 4/6, 10/6, 12/6, 15/6, 15/6, 16/6, 17/6, 23/6, 11/7, 13/7, 13/7, 27/8, 31/8, 7/9, 11/9, 11/9, 11/9, 14/9, 17/9, 19/9, 19/9, 24/9, 28/9, 30/9, 1/10, 5/10.

Total No. of Visits 83.