

# STEEL STEAMER OF MATRA

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 **25<sup>th</sup> November 1926** Port of **GREENOCK** No. **18624**  
 Survey held at **PORT GLASGOW** Date First Survey **3<sup>rd</sup> December 1925** Last Survey **24<sup>th</sup> November 1926**  
 On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) **SINGLE SCREW STEAMER "MATRA"**  
 State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) **FULL SCANTLING** State Type of Erections **POOP, BRIDGE & FCL**  
 TONNAGE under Tonnage Deck **7360.19** CLASS **100.A.I.** State if with freeboard as condition of Class **No** Built at **PORT GLASGOW**  
 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 468.5** Launched **SEPT 9<sup>th</sup> 1926** Yard No. **396**  
 Total Breadth (greatest moulded) **B 62.0** Builders **W<sup>m</sup> HAMILTON & Co LTD**  
 Gross Tonnage **7910.80** Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) **D 34.83** Owners **THOS & JNO BROCKLEBANK LTD**  
 Register Tonnage **4852.02** 1st Longitudinal Number (L x D) **= 16317.85** Managers **---**  
 2nd Numeral L x (B + D) **= 45364.85** (Where necessary to be entered in Reg. Book.)  
 Framing Depth "d," at middle of length. See Sec. 3 (1d) **20.82** Residence **CUNARD BUILDINGS, LIVERPOOL**  
 Proportions—Depth to Length—Uppermost continuous deck to top of keel **13.45** Port of Registry **LIVERPOOL**  
 Do. Long Bridge to top of keel **10.93** If surveyed while building, afloat, or in dry dock  
 Draught Moulded **27-2 1/2** **BUILDING, AFLOAT & 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.
<b>FRAMES, Spacing amidships</b>	<b>30 1/2</b>		<b>Bracket Floors, Frame</b>	<b>B.A. 8 3 1/2 46</b>	
" " from 1/2 length to Collision bulkhead	<b>27</b>		" " Reversed Frame	<b>B.A. 7 1/2 3 46</b>	
" " in peaks	<b>24</b>		" " Vertical Struts	<b>B.A. 7 1/2 3 48</b>	
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	<b>46 59</b>	
Amidships, Angle, E or F	<b>12 3 1/2 58</b>	<b>12 x 3 1/2 x 52</b>	" " top Angles	<b>3 1/2 3 1/2 55</b>	
" " Extends up to	<b>2<sup>nd</sup> Dk &amp; EVERY 3<sup>rd</sup> to UPPER Dk.</b>		" " bottom Angles	<b>5 5 63</b>	
Reversed Frame Amidships, Angle	<b>BA FRAMING</b>		<b>Side Girders, No. each side and thickness</b>	<b>2 @ 43</b>	
" " Extends up to	<b>✓</b>		<b>Margin Plate depth (excl. of flange) and thickness</b>	<b>39 x 55</b>	
of Framing Girder	<b>12</b>		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<b>5 5 50</b>	
es in Uppermost Continuous 'tween Decks, Angle, E or F	<b>7 3 1/2 42</b>		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	<b>5 5 50</b>	<b>DOUBLE IN WAY OF DEEP FRAMING</b>
" " Second 'tween Decks, Angle, E or F	<b>D/O</b>		" " Gussets, spacing and scantling abaft 1/2 len. from stem	<b>TANK TOP PLATE CARRIED OUT TO FORM CONTINUOUS GUSSET PLATE</b>	
" " Third " " " "	<b>✓</b>		" " Gussets, spacing and scantling forward 1/2 len. from stem	<b>58" x 49</b>	
ng in Peaks, Angle or F	<b>8 1/2 3 50</b>		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	<b>54 1/2 x 53</b>	
ter and Spacing of Rivets through Frame and Shell Plating amidships	<b>7/8 RIVETS ABOUT 6 DMS.</b>		<b>INNER BOTTOM PLATING.</b>		
if Frame Joggled	<b>YES</b>		Breadth and thickness of Middle Line Strake	<b>45</b>	
<b>G ARRANGEMENTS</b> (Sec. 7), state system and particulars	<b>DEEP FRAME SYSTEM WITH SIDE STRINGERS AS PER APPROVED PLAN</b>		Thickness of remainder in Holds	<b>YES</b>	
<b>THENING OF BOTTOM FOR</b> RD. State Particulars	<b>5 x 5 x 47 FRAMES AND ADDITIONAL GIRDER AS PER APPROVED PLAN</b>		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?		
<b>BOTTOM.</b>			<b>BEAMS.</b>		
Depth and thickness at mid-line in Holds			<b>Uppermost Continuous Deck, amidships in Wells, Angle, E or F</b>	<b>9 3 1/2 48</b>	
Height of Brackets at side above base line at toe of frame			" " " in way of Bridge, Angle, E or F	<b>9 1/2 3 1/2 48</b>	
<b>Line Keelson, on Floors, Angles, E or F</b>			Spacing	<b>EVERY FRAME</b>	
" " Through Plate or Intercoastal Plate			<b>Second Deck, amidships, Angle, E or F</b>	<b>10 1/2 3 1/2 48</b>	
" " Foundation Plate on Floors			Spacing	<b>EVERY FRAME</b>	
" " Flat Plate Keel Angles			<b>NO HOLD ONLY</b>		
<b>Side Keelsons, No. each side</b>			<b>Third Deck, amidships, Angle, E or F</b>	<b>9 3 44</b>	
" " thickness of Intercoastal Plate			Spacing	<b>EVERY FRAME</b>	
" " Angles			<b>Fourth Deck, amidships, Angle, E or F</b>	<b>✓</b>	
<b>DOUBLE BOTTOM.</b>			Spacing	<b>✓</b>	
<b>Solid Floors, thickness and spacing</b>	<b>43 EVERY 3<sup>rd</sup> FRM.</b>		<b>Poop Deck, Angle, E or F</b>	<b>7 1/2 3 42</b>	
" " Are Frame and Reversed Frame joggled?	<b>YES</b>		Spacing	<b>EVERY FRAME</b>	
<b>Bracket Floors, breadth and thickness at middle line</b>	<b>34 1/2 x 43</b>		<b>Bridge Deck, Angle, E or F</b>	<b>8 1/2 3 1/2 45</b>	
" " breadth and thickness at margin plate	<b>34 1/2 x 43</b>		Spacing	<b>EVERY FRAME</b>	
			<b>Forecastle Deck, Angle, E or F</b>	<b>8 3 38</b>	
			Spacing	<b>EVERY FRAME</b>	



## CLARS AND DECKS

	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>	TWO			Stringer Plate, breadth and thickness in way of Bridge .....	50 1/2	50	App <sup>2</sup> 34
" in 'tween Decks, Size and Spacing.....	WIDE SPACED			Thickness of Plating abreast Deck openings in way of Wells .....		40	
" " " " "	TUBULAR PILLARS			Thickness of Plating abreast Deck openings in way of Bridge .....	42		30
" " " " "	+ DEEP GIRDERS			Thickness of Plating within line of openings...	34		
" in Holds	IN HOLDS + TWIN DECKS AS PER APPROVED PLAN.			If Sheathed, material and thickness .....	NONE		
" " " " "				<b>Third Deck. IN FORD HOLD ONLY</b>			
<b>Centre Line Bulkhead Stiffeners and Spacing.....</b>				Stringer Plate, breadth and thickness.....	75	34	
Plating, thickness of .....				If Plated, state thickness.....		30	
<b>STRINGERS AND DECKS.</b>				<b>Fourth Deck.</b>			
<b>Uppermost Continuous Deck.</b>				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells	52	1.0	2 @ 49 x 1.00	If Plated, state thickness .....			
" " " " in way of Bridge	49	1.0		<b>Poop Deck.</b>			
" " " " " " " "	52	.65	2 @ 49 x .45	Stringer Plate, breadth and thickness .....	72	38	38 1/2 x 38
" Angle in Wells .....	49	.60		Plating, Sheathing, material and thickness ...	PLATING 26		
Thickness of Plating abreast Deck openings in way of Wells .....	7	1.06		<b>Bridge Deck.</b>			
Thickness of Plating abreast Deck openings in way of Bridge .....	AFT WELL	.91		Stringer Plate, breadth and thickness.....	73	65	
Thickness of Plating within line of openings...	FORD "	.94		Plating, <del>Sheathing</del> , material and thickness ...		61	
If Sheathed, material and thickness .....		.50	.40	<b>Forecastle Deck.</b>			
		.42		Stringer Plate, breadth and thickness.....	74 1/2 x	46	36 x 38
	✓ NONE			Plating, <del>Sheathing</del> , material and thickness ...		46	36
<b>Second Deck.</b>							
Stringer Plate, breadth and thickness in Wells...	50 1/2	.50	50 1/2 x .44				

## 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.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL .....	53"	1.0	.85	.85	53.88-.80	DOUBLE	1"	3.8	4R	1 1/8	4 1/2	LAPPED	
" <i>DECK (if any)</i>	3 @	.70	.50	.54		"	7/8	3.4	4R - 3R	7/8	3 1/2	"	
BOTTOM PLATING, No. of of Strakes ... <i>FOUR</i> ...	1 @	.72	.50	.54	4 @ .70-.50	"	"	"	"	"	"	"	
BILGE PLATING, No. of Strakes ... <i>ONE</i> ...	3 @	.72 .68	.50 .50	.54 .50	.70-.50	"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes ... <i>FOUR</i> ...	1 @	.70	.50	.50	4 @ .68-.48	"	"	"	3R	"	"	"	
UPPER DECK, Sheer- strake in Wells.....	52"	1.10	.50	.50	1.06-.48	"	1 1/8	4.3	5R - 3R	1 1/8	4 1/2	"	
UPPER DECK, Sheer- strake in Bridge ...	52"	.72	.50	.50	.68-.48	"	7/8	3.4	3R	7/8	3 1/8	"	
STRAKE BELOW Sheer- strake in Wells.....	59	.96	.50	.50	.90-.48	"	1"	3.8	5R - 3R	1"	4 1/2	"	
STRAKE BELOW Sheer- strake in Bridge ...	59	.70			.68	"	7/8	3.4	3R	7/8	3 1/8	"	
POOP SIDE PLATING .....	1 @	.70	1.0	.41 1.0		SINGLE	3/4	3.0	1R	3/4	2 5/8	"	
BRIDGE SIDE PLATING ...	1 @	.82	1.0	1.0	2 @ .65.	DOUBLE	7/8	3.4	4R	7/8	3 1/2	"	
FORECASTLE SIDE PLATING			.44.			SINGLE	3/4	3.0	1R	3/4	2 5/8	"	

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel		EIGHT	
Extending to Upper Deck (Sec. 3 c)		SEVEN	
,, Deck next below		ONE	
As per Rule		SEVEN	

  

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	✓	BA 6 x 3 x 30	30"		
" " Second "	✓	BA 6 1/2 x 3 x 32	30"	At For° B	✓
" " Third "					
" " Holds	48 - 30	BA 12 x 3 1/2 x 50	30"		
COLLISION " (in Hold)	54 - 35	BA 8 x 3 x 40	24"	2 SEMI Box BEAMS.	
AFTER PEAK " "	52 - 30	BA 9 x 3 1/2 x 50	24"	TUNNEL RECESS	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....	FLAT PLATE KEEL			
STEM .....	STEEL ROLLED BAR.	10 1/2 x 2 3/4	PORTLAND FORGE	
STERN FRAME {	Propeller Post .....	Casting	11" x 9"	HANIEL &
	Rudder " .....	"	11" x 9"	LU E G.
RUDDER—A x D .....	7 1/4 x 18			
Speed of Vessel .....	14 KNOTS.			
RUDDER mainpiece at head ...	FORGING,	13"	SKODA	
" " heel ...	- "	9 3/4	LID	
" how constructed .....	BUILT FORGING.			
" double or single plate	SINGLE 1 1/2			
" coupling, vertical or	VERTICAL.			
" horizontal .....				

AFTER PEAK	"	"	"	"	"	"	"	"	"
STEEL.	<p>Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <u>OPEN HEARTH PROCESS</u></p> <p><u>COLVILLE, BEARDMORE, LANARKSHIRE STEEL CO OF SCOTLAND, CARNTYNE, CONSETT, BOLCKOW VAUGHAN,</u></p> <p><u>SKINNINGROYE, CARGO FLEET, STEWART AND LLOYDS, D'ATHUS-GRIYIGNÉE, D'OURGRÉE-MARTHAYE,</u></p> <p>Has the Steel been tested as required by the Rules? <u>YES.</u></p>								



EQUIPMENT No. 47315													
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Owts.	
88410	1st Bower ...	81	2	0	Stock less			59	10	0	0	81-1-0	HALLS (CAST STEEL HEAD) HINGLEY & SONS LTD NETHERTON 23/26 H. GREEN
88408	2nd " ...	81	0	21				59	10	0	0	81-1-0	DITTO Do. " 15/26 "
87729	3rd " ...	69	2	0				53	10	0	0	69-2-0	DITTO Do. " 30/26 "
	Collective weight.	232	0	21								232-0-0	
88449	Stream .....	23	3	14	6	0	14	23	15	2	14	23-2-0	RODGERS Do. " 31/26 "

CHAIN CABLES.													
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.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.		Length.	Diam.				
	Fathoms.	Ins.	Tons.	Tons.	Owts.	qrs.	lbs.	Owts.					
80157	150	2 1/2	112 1/2	157 1/2	471.1.9	940		300	2 1/2	STUD	HINGLEY & SONS	NETHERTON 23/26 H. G.	TOWLINE... 130 6 105.4 130 6
80160	150	2 1/2	112 1/2	157 1/2	471.3.8					LINK	Do	" 15/26 H. G.	HAWERS & WARPS 2@100 3 1/4 22 2@100 2 3/4
Stream } Steel Wire }	130	5/4		71				120	5/4				" 2@100 8" MANILLA 2@100 8"

Steering Gear, Steam

By J HASTIE & Co

Steering Gear, Hand

RELIEVING TACKLE FITTED

Boats

6 LIFEBOATS

Steering Chains, Size and Test

TELE MOTOR GEAR

Windlass

CLARKE, CHAPMAN & Co

Ceiling in Holds, thickness and material

NONE FITTED

Cargo Battens, thickness, material and spacing

2" W.P. 9" " HORIZONTAL

Cargo Hatchways.-(Upper Deck)

STEEL PLATES & ANGLES

Thickness of Hatches

3" SOLID COVERS.

Size of No. 1 Hatchway (Forward)

20'3"x18'-0" No. 2 36'-0"x21'-0" No. 3 15'-3"x20'-0" No. 4 30'-6"x20'-0" No. 5 22'-10 1/2"x20'-0" No. 6 15'-3"x21'-0"

Number of Shifting Beams

and for Fore and Afters

3 WEBS IN NO 1 & 5 HATCHES; 6 WEBS IN NO 2 HATCH; 2 WEBS IN NO 3; NO 4 = 5

BRIDGE HATCH 3 WEBS

BRIDGE Dn

For WILLIAM H. TON & CO. LIMITED

Builder's Signature

W. H. TON

GENERAL DECLARATION

This vessel has been built in accordance with the approved plans and in general conformity with the Society's rules for the class contemplated. The workmanship is good and the materials used in the vessels construction are also good.

The freeboard has been verified and the marks cut in on the vessels sides. The double bottom tanks, fore peak tank, after peak tank and deep tank have been tested to the rule requirements and found satisfactory.

The weather decks, W.T. bulkheads, and shaft tunnel were hose tested and found satisfactory.

The amount of Entry Fee

£ 10: 0: 0

Fees applied for,

3rd Nov. 1926

Special Survey Fee...

£ 397: 15: 6

Received by me,

6th Nov. 1926

FREEBOARD

13: 0: 0.

Travelling Expenses, if any

£ : : :

I am of opinion the Vessel should be Classed

100A.I.

State whether the Vessel has been built under Special Survey

YES

Hull & Machinery

Glasgow

Certificate to be sent to

GREENOCK

Date of issue

9/12/26

Signature

Kenneth Inglis

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

GLASGOW 7-DEC 1926

Character assigned

+ 100 A1

11.26.

Lloyd's A.R.C.P.

+ L.M.C. 11.26. F.D.

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

© 2021

Lloyd's Register Foundation

W1182-0126 2/4



This vessel is a sister vessel of the S.S. Mahout yard No. 391 of Messrs Wm Hamblin & Co Ltd + Greenock first entry report No 18466.  
The following plans are herewith enclosed together with the midship section and profile & deck plans of the vessel as built and the reports on forged steel rudder, cast steel stem frame and tiller:-  
Midship Section, Profile & Deck plans, Stempost + stem Casting, Rudder, Pillars & girders, cargo doors tunnel, pumping arrangement, web on frame 167 in lieu of pillar.

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

1st Bower	52.3.8: K.# : 3846 : 30.3.26.
2nd "	51.2.25: K.# : 3845 : 30.3.26.
3rd "	43.1.26: D.D.W: 374 : 28.5.25.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 46.33 ft., R.Q.D. / ft., Bridge 157.58 ft., Forecastle 38.5 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 DKS (STL) WITH 3RD DK (STL) IN NO. 1 HOLD.  
Official No. 149603. Signal Letters.  
Is bottom of Vessel coated with cement YES. if not give  
PARTICULARS OF COMPOSITION IN REMAINDER OF D.B. TANKS CEMENT FILLETS ON BOTTOM AND FLOORS CEMENT WASHED

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	137.25	420	Fore peak tank,		72
Double bottom, under Engines and Boilers,	66.0	339	After peak tank,	356	86
Double bottom, if under Engines only,			Deep tank, aft,		1197
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	191.7	710	Other tanks, if fitted,		
	Total capacity of double bottom	1469	(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. 3164

Date 16th December, 1925

Dates of Surveys held while building

(1925) Dec. 3. 11. 15. 16. 24. 29. (1926) Jan. 5. 6. 12. 14. 20. 22. 26. 28. Feb. 1. 4. 5. 9. 17. 18. 24. Mar. 5. 8. 10. 16. 17. 19. 25. 29. 30. 31. Apr. 2. 5. 6. 7. 8. 9. 14. 20. 26. 28. May 6. 10. 14. 17. 18. 25. 31. June 2. 3. 8. 10. 14. 16. 18. 24. 29. July 16. 21. 26. 28. 30. Aug. 2. 3. 6. 11. 13. 19. 20. 24. 27. 30. Sept. 2. 8. Oct. 4. Nov. 3. 8. 17. 24.

Lloyd's Register Foundation

Total No. of Visits 81