

## REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

No. 77045

FRI 21 SEP 1923

(LLOYD'S REGISTER.)

G.R. 130.  
Lloyd's Register.

## VESSELS OF 100 TONS AND UPWARDS.

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Signal Letters (if any) *H.P.N.C.*

Official Number.	Name of Ship.	No., Date, and Port of Registry.
147875	<i>Talma</i>	51/1923 <i>Glasgow</i>

No., Date, and Port of Previous Registry (if any).

Whether British or Foreign Built.	Whether a Sailing or Steam Ship; and if a Steam Ship how propelled.	Where Built.	When Built.	Name and Address of Builders.
<i>British</i>	<i>Steam Ship Single Screw</i>	<i>Hebburn-on-Tyne</i>	<i>1923</i>	<i>R. &amp; W. Hawthorn Leslie &amp; Co Ltd, Hebburn-on-Tyne</i>

Number of Decks ...	<i>Three</i>	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post ...	<i>451</i>	Feet.	Tenths.
Number of Masts ...	<i>Two</i>	Length at quarter of depth from top of weather deck at side amidships to bottom of keel ...	<i>458</i>	<i>5</i>	
Rigged ...	<i>Schooner</i>	Main breadth to outside of plank ...	<i>59</i>	<i>3</i>	
Superstructure ...	<i>Cruiser</i>	Depth in hold from tonnage deck to ceiling at midships ...	<i>28</i>	<i>3</i>	
Superstructure ...	<i>Clasher</i>	Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards ...	<i>36</i>	<i>8</i>	
Superstructure ...	<i>None</i>	Depth from top of beam amidships to top of keel ...	<i>32</i>	<i>5</i>	
Superstructure ...	<i>None</i>	Depth from top of deck at side amidships to bottom of keel ...	<i>32</i>	<i>25</i>	
Superstructure ...	<i>None</i>	Round of beam ...	<i>—</i>	<i>5</i>	
Superstructure ...	<i>None</i>	Length of engine room, if any ...	<i>105</i>	<i>4</i>	

## PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel ... *17,750* Tons. Ditto per inch immersion at same depth ... *54.4* Tons.

## PARTICULARS OF PROPELLING ENGINES, &amp;c. (if any).

Description of Engines.	Whether British or Foreign made.	When made.	Name and address of makers.	Reciprocating Engines.		Rotary Engines.	N. H. P. I. H. P. Speed of Ship.
				No. and Diameter of Cylinders in each set.	Length of Stroke.		
<i>Reciprocating Quadruple Expansion direct acting vertical</i>	<i>Engines.</i>	<i>Engines.</i>	<i>Engines.</i>	<i>Four</i>			<i>896</i>
<i>Particulars of Boilers.</i>	<i>British</i>	<i>1923</i>	<i>R. &amp; W. Hawthorn Leslie &amp; Co, Ltd, St Peter's Works, Newcastle-on-Tyne</i>	<i>29"</i>	<i>54"</i>		<i>5000</i>
<i>Description. Cylindrical tubular</i>	<i>Boilers.</i>	<i>Boiler.</i>	<i>Boilers.</i>	<i>41 1/2"</i>			<i>12 Knots</i>
<i>Number Four</i>	<i>British</i>	<i>1923</i>	<i>R. &amp; W. Hawthorn Leslie &amp; Co Ltd, St Peter's Works, Newcastle-on-Tyne</i>	<i>59"</i>			
<i>Iron or Steel Steel</i>				<i>85"</i>			
<i>Loaded Pressure 215 lbs per sq inch</i>							

## PARTICULARS OF TONNAGE.

GROSS TONNAGE.	No of Tons.	DEDUCTIONS ALLOWED.	No. of Tons.
Under Tonnage Deck ...	<i>6061.65</i>	On account of space required for propelling power	<i>3199.92</i>
Space or spaces between Decks...	<i>1998.08</i>	On account of spaces occupied by Seamen or Apprentices, and appropriated to their use, and kept free from goods or stores of every kind, not being the personal property of the Crew	
Fore or Trunk ...	<i>50.00</i>	These spaces are the following, viz:—	<i>463.84</i>
Forecastle ...	<i>608.84</i>		
Edge space ...	<i>148.62</i>		
Top or Break ...	<i>13.10</i>		
House ...	<i>1081.87</i>		
Dark Houses ...			
Port House ...			
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894 ...		Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:—	
Spaces of Hatchways ...	<i>37.58</i>	<i>Masters Accommodation 14.05</i>	
		<i>Boatwains Stow Rooms 45.00</i>	
		<i>Wireless Room 5.25</i>	
		<i>Chart Space 5.50</i>	<i>182.28</i>
		<i>Water Ballast spaces 59.53</i>	
		<i>Steam Steering Gear 22.95</i>	
		Total ...	<i>3846.04</i>
Gross Tonnage ...	<i>9999.74</i>	Cubic Metres	
Deductions, as per Contra ...	<i>3846.04</i>		
Registered Tonnage ...	<i>6153.70</i>		

1.—The tonnage of the engine room spaces below the Upper Deck is *1362.68* tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is *329.50* tons.

2.—The undermentioned spaces above the Upper Deck are not included in the cubical contents forming the ship's register tonnage.

*Passageways in Forecastle, Length 26.0 feet = 27.78 tons**Bridge { Port Length 93.9 feet = 55.56 tons*  
*{ Starboard Length 96.4 feet = 71.76 tons*

Name of Master

Certificate of { Service No.  
Competency No.

Name of Owners

Name, Residence, and Description of Managing Owner if there are more owners than one.

*British India Steam Navigation Company Limited,*  
*122 Leadenhall St. London**Re Hon Lord Inchcape G.C.M.G. K.C.S.I. K.C.I.E.**same address. Manager*Dated *4th September, 1923*

(830) (371008) Wt. 23011/10 Gp. 144 2000 1-22 W &amp; S Ltd.

Lloyd's Register  
Foundation  
W1029-0018  
W1029-0019