

STEEL STEAMER OR MOTORSHIP.

Received at London Office 16 OCT 1946

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

Port of

LIVERPOOL

No. 124585

Survey held at

Glasgow Sh. (S.S.)

Date First Survey

2/4/46

Last Survey

3/9/

1946

On the

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

Single Screw Steam

ST PHILIP (EX KUNISHA)

Machinery (Aft)

State Type

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

Steel Scantling

State Type of Erections

RADIF

TONNAGE under Tonnage Deck

267.04

CLASS

100A

State if with freeboard as condition of Class

No

Built at

Middlesbrough

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

33.38

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

129.92

Breadth (greatest moulded)

B 23.83

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

D 13.5

1st Longitudinal Number (L x D)

175392

2nd Numeral L x (B + D)

4849.91

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

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

Do. Long Bridge to top of keel

Draught Moulded

Launched

Yard No. 829

Builders

Smith Dock & Co. Ltd.

Owners

The British India Co. Ltd.

Managers

B. G. Parker

Residence

Port of Registry

Glasgow

If surveyed while building, afloat, or in dry dock

Afloat + in dry dock

REGISTERED DIMENSIONS.

FEET

Length

130.0

Breadth

24.0

Depth

12.85

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	21"	✓	Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead	21"	✓	" " Reversed Frame		
" " in peaks	21"	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	5" x 3" x 38"	✓	" " top Angles		
" " Extends up to	R.Q. Deck	✓	" " bottom Angles		
Reversed Frame Amidships, Angle $\frac{1}{2}$ or $\frac{3}{4}$	3" x 3" x 38"	✓	Side Girders, No. each side and thickness		
" " Extends up to	Floor Deck	✓	Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	5"	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$			" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem			Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle or $\frac{1}{2}$	4" x 3" x 32"	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" 5"	✓	Breadth and thickness of Middle Line Strake		
State if Frame Joggled	No.	✓	Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	12" x 50" stringer batten	✓	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?		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes.	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	6" x 3" x 42"	✓
Floors, Depth and thickness at mid-line in Holds	16" x 34" Flange	✓	" " in way of Bridge, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
" " Height of Brackets at side above base line at toe of frame	48" x 38" in E.P. 16" x 38" in B.P.	✓	Spacing	42"	✓
Middle Line Keelson, on Floors, Angles, $\frac{1}{2}$ or $\frac{3}{4}$	12" x 3" x 3" x 50"	✓	R.Q. Second Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	6" x 3" x 42"	✓
" " Through Plate or Inter-costal Plate			Spacing	42"	✓
" " Foundation Plate on Floors			UPPER Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	4" x 3" x 40"	✓
" " Flat Plate Keel Angles			Spacing	21"	✓
Side Keelsons, No. each side	One.	✓	Fourth Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
" " thickness of Inter-costal Plate			Spacing		
" " Angles	5" x 4" x 45"	✓	Poop Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Bridge Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	4" x 5" x 40"	✓
" " breadth and thickness at margin plate			Spacing	42"	✓

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	<i>One.</i>	✓	Stringer Plate, breadth and thickness in way of Bridge		
" in 'tween Decks, Size and Spacing	✓		Thickness of Plating abreast Deck openings in way of Wells		
" " " " " " " "			Thickness of Plating abreast Deck openings in way of Bridge.....		
" in Holds " " " " " "	<i>3rd di straggles</i>	✓	Thickness of Plating within line of openings...		
" " " " " " " "			If Sheathed, material and thickness.....		
Centre Line Bulkhead, Stiffeners and Spacing.....	<i>in Bunker. 6x4x .58, 45° flaring</i>	✓	Third Deck. Stringer Plate, breadth and thickness.....		
Plating, thickness of	<i>.30.</i>	✓	If Plated, state thickness		
STRINGERS AND DECKS.			Fourth Deck. Stringer Plate, breadth and thickness.....		
Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells	<i>27"x .58</i>	✓	If Plated, state thickness.....		
" <i>At bow</i> , in way of Bridge	<i>24"x .30</i>	✓	Poop Deck. Stringer Plate, breadth and thickness.....		
" Angle in Wells	<i>3' x 3' x .54</i>	✓	Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Wells <i>K&D</i>	<i>27"x .38.</i>	✓	Bridge Deck. Stringer Plate, breadth and thickness.....		
Thickness of Plating abreast Deck openings in way of Bridge.....	✓		Plating, Sheathing, material and thickness ...		
Thickness of Plating within line of openings... <i>TIE</i>	<i>12"x .38.</i>	✓	Forecastle Deck. Stringer Plate, breadth and thickness.....	<i>25"x .58"</i>	✓
If Sheathed, material and thickness.....	<i>5"x 3" PP</i>	✓	Plating, Sheathing, material and thickness...	<i>42"x .58, 5"x .58</i>	✓
Second Deck. Stringer Plate, breadth and thickness in Wells	✓				

SCANTLINGS.				RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if Joggled?	RIVETS.		No. of Rows of Rivets.	RIVETS.		STAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
BAR Flat Plate Keel.....	$7\frac{1}{2}$	$1\frac{1}{2}$	Bull Plate.									
„ Dblig. (if any)	✓											
Bottom Plating, No. of Strakes 2 }	51"	.45	.40	.40	Carbana "A"	Double	$3\frac{1}{4}$	$3\frac{1}{2}$	Two.	$3\frac{1}{4}$	$2\frac{3}{4}$	Staples
Bilge Plating, No. of Strakes 1 }		.40	.45	.40	strake "B"	"	"	"	"	"	"	"
Side Plating, No. of Strakes 2 }		.45	.40	.40	Kelgo "C"	"	"	"	"	"	"	"
Upper Deck, Sheer-strake in Wells.....		.46	.38	.38	STRAKE "D"	"	"	"	"	"	"	"
Upper Deck, Sheer-strake in Bridge.....	58"	.50	.40	.40	Sheer "E"	"	"	"	"	"	"	strakes
Strake below Sheer-strake in Wells.....												
Strake below Sheer-strake in Bridge.....												
Poop Side Plating.....												
Bridge Side Plating.....												
Forecastle Side Plating	50"	✓	.35.		single	$3\frac{1}{4}$	3"		✓	$3\frac{1}{4}$	$2\frac{3}{4}$	Staples

Total No. of W.T. BULKHEADS in Vessel—		3
Extending to Upper Deck (Sec. 3 c)		2
Deck next below		1 aft head plate.
As per Rule		3

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks					
" " Second "					
" " FRAME N ^{OS} .					
" " Holds	41	35-28	6"x3"x42	30"	✓
COLLISION " (in Hold)	67	35-26	6"x5"x42	22"	✓
AFTER PEAK "	5	35-32	5"x5"x30"	(Horizontal Stiffens)	

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	Steel Plate	4 1/2" x 1 3/8"		✓
STEM	do.	7 1/2" x 1 3/8"		✓
STERN FRAME	Propeller Post	6" x 3 1/2"		✓
	Rudder	6 1/4" x 5 1/2"		✓
Speed of Vessel		Under 10 knots		✓
RUDDER—Type				
" A x D.		43.		✓
" Diam. of head		5 3/4.		✓
" Mainpiece at top pintle		6 1/2" x 3 1/2"		✓
" heel		4 1/4" x 3 1/2"		✓
" how constructed		Forged		✓
" double or single plate		Double		✓
" 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. <u>4830.</u>										LETTER <u>A.</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.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.				
	1st Bower									<u>7 1/2.</u>	<u>10 lb. iron</u>		
	2nd "									<u>7</u>	<u>10 lb. iron</u>		
	3rd "										<u>10 lb. iron</u>		
	Collective weight												
	Stream							<u>heavy</u>		<u>3</u>	<u>10 lb. iron</u>		

[illegible][illegible]

Steering Gear, Type (Power or hand) Hand - efficient. Alternative Means of Steering Siller
 Steering Chains (Size and Test) 3/4" dia. Windlass steam Boats 19 Persons 2-46
EX. 16-3, 7-9
W.M. 1907.
 Ceiling in Holds, thickness and material 2 1/2" - wood. Cargo Battens, thickness, material and spacing Blue lining
 Cargo Hatchways.—(Upper Deck) Star coaming + angles Thickness of Hatches 2 1/2"
 Size of Hatchways No. 1 (Fwd.) 3'x3'x15' No. 2 4'x4'x15' No. 3 4'x4'x15' No. 4 4'x4'x15' No. 5 3'x3'x12' No. 6 ✓
 Number of Shifting Beams } ✓
 and/or Fore and Afters }

Builder's Signature _____

The amount of Entry Fee, £ : : } Fees applied for,
Special Survey Fee, £ : : } 19
Travelling Expenses, if any, £ : : } Received by me, 19

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed 100A1

State whether the Vessel has been built under Special Survey Full class except entry to Liverpool

Certificate to be sent to Liverpool Date of issue 27/4/48

Committee's Minute LIVERPOOL 15 OCT 1946

Character assigned See Minute on Liverpool Report & No. 124585.

Signature Harry S. Norton J.L. Zinda
Surveyors to Lloyd's Register of Shipping.

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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.)

Singapore Report No 124316 S/H. Bonengib (ex Luma).

1 - Plan - Ammendes Builders plan of Profile + mainst section recently forwarded with above Singapore Report.

PARTICULARS OF ELECTRIC WELDING (if employed)

Plat seams + butts of new W.T. bunker in tunnel electric welded.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

ESD

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

1st Bower

2nd „

3rd „

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop _____ ft., R.Q.D. *79* ft., Bridge _____ ft., Forecastle *22* ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. *148292*

Signal Letters _____

Extreme Breadth over Belting *24.73 ft.*

Over-all Length *140.5 ft.*

No. and Material of Decks *1 St. steel stringer + ties, wood sheath.*

Parts of Bottom of Vessel coated with cement or approved composition *Keel plate, fore plate, bunkers, under boiler + stowage coasts with cement to floor level, part cement in FPT. + AP stow.*

Particulars of composition (if fitted) and of approval _____

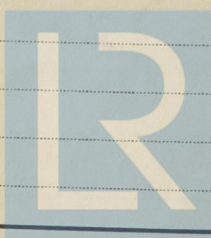
PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
(Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	<i>13.5</i>	<i>24</i>
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. _____

Date _____

Dates of Surveys held while building



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Total No. of Visits _____