

Rpt. 1.

WRECK

STEEL STEAMER or MOTORSHIP.

WRECK

Received at London Office

L100126

State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YES

Date of completion of report

6th DECEMBER 1946 Port of GREENOCKNo. 23434Survey held at PORT GLASGOWDate First Survey 24th JULY 1945Last Survey 2nd DECEMBER

1946

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

SINGLE SCREW STEAMER"SHAHZADA"

MACHINERY AMIDSHIPS.

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

FULL SCANTLING.State Type of Erections POOP BRIDGE & F.C.E.TONNAGE under Tonnage Deck... 4930.70CLASS 100.A.1.State if with freeboard as condition of Class NOBuilt at PORT GLASGOW

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

Length from fore part of stem to after part of stern most on summer T.W.L. See Sec. 2 (1a)

L 404

Breadth (greatest moulded)

B 53.75

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 8 (1c)

D 31.251st Longitudinal Number (L x D) = 126252nd Numeral L x (B + D) = 34340

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

FORP. 17.67AFT. 16.92

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

12.93

Do. Long Bridge to top of keel

10.36

Draught Moulded

25'4"Launched SEPT. 27th 1946 Yard No. 1013Builders LITHGOWS LTD.Owners ASIATIC STEAM NAV CO LTDManagers ✓

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

5-7 ST HELENS PLACEResidence BISHOPSGATE, LONDON.Port of Registry LONDON.

If surveyed while building, afloat, or in dry dock

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.
FRAMES, Spacing amidships	<u>28</u> ✓		Bracket Floors, Frame	<u>BA 7 3/2 .37</u> ✓	
" " from 1/2 length amidships to Collision bulkhead	<u>27</u> ✓		" " Reversed Frame	<u>BA 7 3/2 .34</u> ✓	
" " in peaks	<u>24</u> ✓		" " Vertical Struts	<u>CHAM. 8x3 1/2 x 3 1/2 .42</u> ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<u>43x 52 .44</u> ✓	
Frame Amidships, Angle <u>E</u> or <u>[</u>	<u>10 3 1/2 .40</u> APT ✓		" " top Angles	<u>DOUBLE 3 1/2 3 1/2 .46</u> ✓	
" " Extends up to	<u>2nd DECK</u> ✓		" " bottom Angles	<u>DOUBLE 4 4 .50</u> ✓	
Reversed Frame Amidships, Angle	<u>✓</u>		Side Girders, No. each side and thickness	<u>ONE @ .36</u> ✓	
" " Extends up to	<u>✓</u>		Margin Plate depth (excl. of flange) and thickness	<u>41x .50 FORP</u> ✓	
Depth of Framing Girder	<u>10"</u> ✓		" " Vertical Angle to Tank side	<u>52x .50 APT</u> ✓	
Frames in Uppermost Continuous 'tween Decks, Angle <u>E</u> or <u>[</u>	<u>8 3 1/2 .35</u> ✓		" " Bracket abaft 1/2 len. from stem	<u>6 1/2 x 6 1/2 x .625 T BAR</u> ✓	
" " Second 'tween Decks, Angle <u>[</u> or <u>[</u>	<u>✓</u>		" " Vertical Angle to Tank side	<u>6 1/2 x 6 1/2 x .625 T BAR</u> ✓	
" " Third	<u>✓</u>		" " Bracket from forward 1/2 len. from stem to Panting Area	<u>40 CONTINUOUS</u> ✓	
" " from 1/2 len. for'd. to 15% len. from Stem	<u>11x3 1/2 x .44-.42</u> BA ✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	<u>40 CONTINUOUS</u> ✓	
" " in Peaks, Angle or <u>[</u>	<u>8 3 1/2 .35</u> ✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	<u>66x .41</u> ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<u>7/8" SPACED 7 DIAS</u> ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	<u>66x .41</u> ✓	
State if Frame Joggled	<u>YES</u> ✓		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<u>YES</u> ✓		Breadth and thickness of Middle Line Strake	<u>90x .50-.42</u> ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<u>YES</u> ✓		Thickness of remainder in Holds	<u>42-.40</u> ✓	INCREASED UNDER HATCHES
SINGLE BOTTOM.			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?	<u>YES</u> ✓	
Floors, Depth and thickness at mid-line in Holds			BEAMS.		
Height of Brackets at side above base line at toe of frame			Uppermost Continuous Deck, amidships	<u>8 3 1/2 .35</u> ✓	
Middle Line Keelson, on Floors, Angles <u>[</u> or <u>[</u>			" " in Wells, Angle <u>E</u> or <u>[</u>	<u>8 3 .36</u> ✓	
" " Through Plate or Intercoastal Plate			" " <u>E</u> or <u>[</u>	<u>28"</u> ✓	
" " Foundation Plate on Floors			Spacing	<u>28</u> ✓	
" " Flat Plate Keel Angles			Second Deck, amidships, Angle <u>E</u> or <u>[</u>	<u>9 3 .36</u> ✓	
Side Keelsons, No. each side			Spacing	<u>28</u> ✓	
" " thickness of Intercoastal Plate			Third Deck, amidships, Angle <u>[</u> or <u>[</u>	<u>✓</u>	
" " Angles			Spacing	<u>✓</u>	
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle <u>[</u> or <u>[</u>	<u>✓</u>	
Solid Floors, thickness and spacing	<u>34 FORP EVERY 4th FRAME</u> ✓		Spacing	<u>✓</u>	
" " Are Frame and Reversed Frame joggled?	<u>YES</u> ✓		Poop Deck, Angle <u>E</u> or <u>[</u>	<u>8 3 .42</u> ✓	
Bracket Floors, breadth and thickness at middle line	<u>39x .39</u> ✓		Spacing	<u>56"</u> ✓	
" " breadth and thickness at margin plate	<u>33x .39</u> ✓		Bridge Deck, Angle <u>E</u> or <u>[</u>	<u>7 3 .37</u> ✓	
			Spacing	<u>28"</u> ✓	
			Forecastle Deck, Angle <u>E</u> or <u>[</u>	<u>7 3 .46</u> ✓	
			Spacing	<u>27"</u> ✓	

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			Stringer Plate, breadth and thickness in way of Bridge	72 x .34 ✓	
" in 'tween Decks, Size and Spacing.....	TWO ROWS OF WIDELY SPACED		Thickness of Plating abreast Deck openings in way of Wells30 ✓	
" " " " " "	PILLARS & GIRDERS IN HOLDS		Thickness of Plating abreast Deck openings in way of Bridge	THROUGHOUT ✓	
" in Holds " "	4 TWIN DECKS ✓		Thickness of Plating within line of openings...	✓	
" " " " " "			If Sheathed, material and thickness	✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of	✓		If Plated, state thickness.....	✓	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	72 x .84 ✓		If Plated, state thickness	✓	
" " " " in way of Bridge	72 x .37 ✓		Poop Deck.		
" Angle in Wells	6 6 .88 ✓		Stringer Plate, breadth and thickness34 ✓	
Thickness of Plating abreast Deck openings in way of Wells58 ✓		Plating, Sheathing, material and thickness ...	34 SHEATHED ✓	
Thickness of Plating abreast Deck openings in way of Bridge35 ✓		Bridge Deck.		
Thickness of Plating within line of openings...	.42 - .33 ✓		Stringer Plate, breadth and thickness.....	66 x .60 - .47 ✓	
If Sheathed, material and thickness	NOT SHEATHED ✓		Plating, Sheathing, material and thickness ...	46 - 36 SHEATHED ✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	72 x .36 ✓		Stringer Plate, breadth and thickness.....	.34 ✓	
			Plating, Sheathing, material and thickness ...	34 NOT SHEATHED ✓	

SHELL PLATING.														
SCANTLINGS.					RIVETING.									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	UPPER EDGES. State if Joggled? No			BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAIPPED OR LAPPED.		
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			Diam. Inches.	Spacing or to cr. Inches.		Diam. Inches.	Spacing or to cr. Inches.			
FLAT PLATE KEEL50	.79	.69	.69		DOUBLE	7/8	3 1/2	FOUR	✓	1	4	LAPPED	
" DBLG. (if any)	3 STRAKES OF BOTTOM PLATING FOR 1/2 L TO COLL. BWP													
BOTTOM PLATING, No. of Strakes FOUR		.61	.47	.47		DOUBLE	7/8	3 1/2	FOUR	✓	7/8	3 1/2	LAPPED	
BIDGE PLATING, No. of Strakes ONE		.61	.47	.47		"	"	"	THREE AT ENDS WELDED AMIDSHIPS	✓	7/8	3 1/2	"	
SIDE PLATING, No. of Strakes THREE		.61	.45	.45		"	"	"	THREE	✓	7/8	3 1/2	LAPPED	
UPPER DECK, Sheer-strake in Wells.....	.65	.86	.45	.45		✓	✓	✓	FIVE	✓	1	4 1/2	"	
UPPER DECK, Sheer-strake in Bridge65	.61				DOUBLE	7/8	3 1/2	THREE	✓	7/8	3 1/2	"	
STRAKE BELOW Sheer-strake in Wells.....	.65	.72	.45	.45		"	"	"	FOUR	✓	1	4	"	
STRAKE BELOW Sheer-strake in Bridge65	.61				"	"	"	THREE	✓	7/8	3 1/2	"	
POOP SIDE PLATING.....				.38		SINGLE	"	"	ONE	✓	"	"	"	
BRIDGE SIDE PLATING59					DOUBLE	"	"	THREE	✓	"	"	"	
FOREC'TLE SIDE PLATING			.41			SINGLE	"	"	ONE	✓	"	"	"	

WATER-TIGHT BULKHEADS.						FORGINGS AND CASTINGS.			
Total No. of W.T. BULKHEADS in Vessel —Six (Not including Cross Bulkhead Bulkhead) Extending to Upper Deck (Sec. 3 c) Six (See G.I.S. Letter 17/2/43) ✓ " Deck next below ✓ As per Rule Six. ✓						Casting or Forging. Scantlings. Maker's Name. Any Departure from Approved Plans to be Noted.			
STIFFENERS. Vertical. Horizontal. Scantlings. Spacing. Scantlings. Spacing.						KEEL, Bar Flat Plate Keel ✓ STEM 10 x 2½ Roller ✓ STERN FRAME { Propeller Post Cast Steel Stream Rule 10½ x 7½ ✓ { Rudder " Lined See Plan Beardmore Speed of Vessel 12 Knots ✓ RUDDER—Type Double Plate Stream Lined " A x D 571 " Diam. of head Forging 11½ ✓ Beardmore " Mainpiece at top pintle Casting 10½ x 11" ✓ " " heel' ... 6 x 11" ✓ " how constructed Cast Steel Complete Frame " double or single plate 46 Double ✓ " coupling, vertical or horizontal Vertical. ✓			
MIDSHIP BULKHEAD , Upper tween decks 29-26 6 x 3 x 41 OA 32" ✓ " " Second " ✓ " " Third " ✓ " " Holds ... 92-48-33 10 x 3½ x 54 BA 32" ✓ COLLISION " (in Hold) 52-35 4 x 3½ x 55 BA 24" ✓ AFTER PEAK " " 48-26 6 x 3 x 46 OA 24" ✓ " " 48-26 6 x 3 x 46 OA 24" ✓						STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) (Open Hearth) ✓ Colville, Lanarkshire, Steel Co of Scotland Has the Steel been tested as required by the Rules? YES ✓			

[illegible]

Steering Gear, Type (Power or hand) STEAM WILSON PROPRIETARY TYPE BY HASTIE ✓ Alternative Means of Steering BLOCKS N TACKLE FROM AFTER WINCH.

Steering Chains (Size and Test) STEERING GEAR AFT (TELEMOTOR CONTROL) ✓ Windlass STEAM BY EMERSON WALKER. ✓ Boats 3-25 1-25 WITH MOTOR } LIFEBOATS ✓ 2-24

Ceiling in Holds, thickness and material 2 1/2" WOOD OVER BILGES ✓ Cargo Battens, thickness, material and spacing 9" x 2" W.P. SPACED 9" ✓ TANK TOP INCREASED UNDER HATCHWAYS

Cargo Hatchways—(Upper Deck) 30" COAMINGS STIFFENED & STAYED ✓ Thickness of Hatches 3" SLAB COVERS EXCEPT AT NO. 3. ✓

Size of Hatchways No. 1 (Fwd.) 22'-6" x 16' ✓ No. 2 30'-4" x 16' ✓ No. 3 16'-4" x 16' ✓ No. 4 30'-4" x 16" ✓ No. 5 23'-4" x 16' ✓ No. 6 ✓ BRIDGE DECK

Number of Shifting Beams } NO. 1 & 5 = 4 BEAMS ; NO. 2 & 4 = 5 BEAMS ; NO. 3 - ONE BEAM FITTED WITH T & B. ROLLERS. ✓
(major Fore and Afters)

Builder's Signature A. T. Stephenson
For LITHGOWS LIMITED

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel No. ✓
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo No. ✓ The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

This vessel has been built in conformity with the Societies Rules & Regulations and the Secretary's letters. The scantlings & arrangements are in accordance with or equivalent to those shown on the approved plans. The materials & workmanship are of good quality.

All the double bottom tanks, cofferdams & fore & aft peaks were tested as required by the rules & found satisfactory. The pumps, steering gear, bilge suction, W.T doors, windlass & auxiliary steering gear was tried & found efficient. The freeboard has been verified & the marks cut in on the vessels sides.

The amount of Entry Fee £ : ✓ : Fees applied for, (Special notations, where part of class, to be stated.)

Special Survey Fee.... £ 415 : 0 : Tth Dec. 1946 Received by me, 19.

FREEBOARD FEE
Travelling Expenses, if any £ 16 : 0 : 0

I am of opinion the Vessel should be Classed **✠ 100A.1.**

Signature Denneth Inglis
Surveyor to Lloyd's Register of Shipping.


State whether the Vessel has been built under Special Survey. **YES.**

Certificate ~~sent~~ sent to **GREENOCK OFFICE** Date of issue **15/1/47.**

Committee's Minute **GLASGOW 10 DEC 1946**

Character assigned **-1- 100A1** **SPH**
12.46

Lloyd's Assoc **-1- Recd 12.46**

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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.)

SISTER VESSEL:- S.S. SHAHJEHAN. GREENOCK REPORT No 23401.
The approved plans of midship section + profile & decks, as built, forging reports & invoices are forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed) heads & heels of all pillars, butts of deck girders, corners of hatches, corners of bulkheads & tank ends, butts of bilge strakes amidships, cruiser stern & boss plating, tank margin gusset plates to tank tops.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Cruiser Stern: Lloyd's A & C.P.:
6. B. H. P. CEM: pt. Asp (see below).

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

1st Bower 41.1.23: A.E.G.: 8075: 4/1/46.
2nd .. 41.2.0: J.H.J.: 7579: 13/3/46.
3rd .. 34.2.19: A.E.G.: 8143: 14/3/46.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 40.2 ft., R.Q.D. ✓ ft., Bridge 21.3 ft., Forecastle 37.8 ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 181,522. Signal Letters

Extreme Breadth over Belting ✓
(Circ. 1611)

Over-all Length 425'
(Circ. 1703)

No. and Material of Decks 2 DKS ✓

Parts of Bottom of Vessel coated with cement or approved composition COATED WITH CEMENT IN BALLAST TANKS, AS REQUIRED BY RULES
BITUMASTIC IN BOILER ROOM TANK, AND BILGES. ✓

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,	133 ✓	404 ✓	Fore peak tank,		111 ✓
Double bottom, under Engines and Boilers,	44.4 ✓	200 ✓	After peak tank,		79. ✓
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	175.2 ✓	593 ✓	Other tanks, if fitted,		
Total length (if continuous) and Capacity	354.9 ✓	1197 ✓	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 3524

Date

3/10/45

Dates of Surveys held while building

(1945) JULY 24. AUG 2. SEPT 19. 26. OCT. 1. 5. 15. 17. 18. NOV. 4. 13. 14. 23. 27. DEC. 4. 6. 12. 13. 17. 27. 28. (1946) JAN. 7. 8. 9. 10. 14. 15. 17. 23. FEB. 4. 8. 11. 12. 13. 14. 15. 18. 19. 20. 21. 22. 25. 26. 27. 28. MAR. 1. 4. 5. 6. 8. 11. 12. 15. 18. 19. 20. 21. 25. 28. 29. APR. 1. 2. 3. 4. 5. 9. 10. 11. 12. 15. 16. 17. 19. 22. 24. 25. 29. 30. MAY 2. 3. 6. 7. 8. 9. 10. 13. 14. 15. 16. 20. 21. 22. 23. 24. 27. 28. 29. 30. 31. JUNE 4. 6. 7. 10. 13. 17. 26. 27. JULY 16. 18. 19. 22. 25. 26. 29. 30. 31. AUG 2. 5. 7. 8. 16. 20. 21. 26. 27. 29. SEPT. 6. 10. 17. 18. 19. 20. 24. 25. 27. 28. OCT. 2. 7. 16. 23. 28. 29. 30. NOV. 1. 5. 6. 11. 12. 14. 18. 19. 22. 25. 26. 27. 29. DEC. 2. Total No. of Visits 159.