

WRECK  
SECTION

No. 22495

State Type (Full Spanning, Complete Superstructure with or without Tonnage Openings) COMPLETE SUPERSTRUCTURE NO TONNAGE OPENING State Type of Erections FORECASTLE

34.45

Draught Moulded 26-1/2

BUILDING &amp; RELOART

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing amidships.....</b>	36 ✓	
" " from $\frac{3}{8}$ length amidships to Collision bulkhead.....}	27 ✓	
" " in peaks .....	24 ✓	
<b>SIDE FRAMING.</b>		
Frame Amidships, Angle, E or [	13 $\frac{1}{2}$ 4 .52 ✓	
" " Extends up to.....	2ND DECK. ✓	
Reversed Frame Amidships, Angle	58.62 x 66 6 6 .50 ✓	
" " Extends up to .....	60 4 68 5 5 .50 ✓	
" " Extends up to .....	2ND DECK. ✓	
Depth of Framing Girder.....	13 $\frac{1}{2}$ ✓	
Frames, in Uppermost Continuous 'tween Decks, Angle, E or [	7 3 $\frac{1}{2}$ .33 ✓	
" " Second 'tween Decks, Angle, [ or [	✓	
" " Third " " " "	✓	
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem .....	13 $\frac{1}{2}$ 4 .49 27" SPACING. ✓	
" " in Peaks, Angle or [	13 $\frac{1}{2}$ 4 .52 36" SPACING. ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	8 3 $\frac{1}{2}$ .38 ✓	
State if Frame Joggled.....	YES. ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....	AS APPROVED. ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	AS APPROVED ✓	
<b>SINGLE BOTTOM.</b>		
Floors, Depth and thickness at mid-line in Holds.....	✓	
Height of Brackets at side above base line at toe of frame.....	✓	
Middle Line Keelson, on Floors, Angles, [ or [	✓	
" " Through Plate or Inter-costal Plate .....	✓	
" " Foundation Plate on Floors .....	✓	
" " Flat Plate Keel Angles	✓	
Side Keelsons, No. each side.....	✓	
" " thickness of Intercoastal Plate....	✓	
" " Angles .....	✓	
<b>DOUBLE BOTTOM.</b>		
Solid Floors, thickness and spacing .....	.46" EVERY 3RD FRAME. ✓	
" " Are Frame and Reversed Frame joggled? .....	YES ✓	
Bracket Floors, breadth and thickness at middle line .....	32 4 x .46 ✓	
" " breadth and thickness at margin plate.....	32 4 x .46 ✓	
<b>Bracket Floors, Frame .....</b>	7 3 $\frac{1}{2}$ .34 ✓	
" " Reversed Frame.....	6 3 $\frac{1}{2}$ .44 ✓	
" " Vertical Struts .....	10 3 $\frac{1}{2}$ .40 ✓	
" " Vertical Struts .....	6 3 $\frac{1}{2}$ .36 ✓	
<b>Centre Girder, depth and thickness amidships</b>	43 4 x .54 ✓	
" " top Angles .....	3 $\frac{1}{2}$ 3 $\frac{1}{2}$ .48 ✓	
" " bottom Angles.....	4 4 .54 ✓	
<b>Side Girders, No. each side and thickness.....</b>	1 @ .38 ✓	
<b>Margin Plate</b> depth (excl. of flange) and thickness .....	44 x .57 ✓	
" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem .....	6 $\frac{1}{2}$ 6 $\frac{1}{2}$ .625 T.BAR ✓	
" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area .....	6 $\frac{1}{2}$ 6 $\frac{1}{2}$ .625 T.BAR ✓	
" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....	CONT. .42 ✓	
" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area .....	CONT. .42 ✓	
<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	77 x .48 ✓	
<b>INNER BOTTOM PLATING.</b>		
Breadth and thickness of Middle Line Strake.....	84 x .50 ✓	
Thickness of remainder in Holds .....	.47 INCREASED .08" UNDER HATCHWAYS. ✓	
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. ✓	
<b>BEAMS.</b>		
Uppermost Continuous Deck, amidships in Wells, Angle, E or [	11 3 $\frac{1}{2}$ .43 ✓	
" " in way of Bridge, Angle, [ or [	✓	
" " Spacing .....	EVERY FRAME. ✓	
Second Deck, amidships, Angle, E or [	12 3 $\frac{1}{2}$ .63 ✓	
" " Spacing .....	EVERY FRAME. ✓	
Third Deck, amidships, Angle, [ or [	✓	
" " Spacing.....	✓	
Fourth Deck, amidships, Angle, [ or [	✓	
" " Spacing.....	✓	
Poop Deck, Angle, [ or [	✓	
" " Spacing.....	✓	
Bridge Deck, Angle, [ or [	✓	
" " Spacing.....	7 3 $\frac{1}{2}$ .44/33 ✓	
Forecastle Deck, Angle, E or [	9 3 $\frac{1}{2}$ .38 ✓	
" " Spacing.....	EVERY FRAME. ✓	



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 .....		CENTRE LINE BULKHEAD		Stringer Plate, breadth and thickness in way of <del>Bridge</del> <b>HATCHES</b> .....	.44	✓
" in 'tween Decks, Size and Spacing .....		WITH REINFORCED HATCH		Thickness of Plating abreast Deck openings in way of <del>Wells</del> .....	.46 - .34	✓
" " " " " " .....		SIDE GIRDERS & HATCH		Thickness of Plating abreast Deck openings in way of Bridge .....	✓	
" in Holds " " " " .....		END BEAMS. ✓		Thickness of Plating within line of openings..	.34	✓
" " " " " " .....		AS APPROVED. ✓		If Sheathed, material and thickness .....	✓	
Centre Line Bulkhead, Stiffeners and Spacing .....		9 x 3 x .37 @ 36" ✓		Third Deck.		
Plating, thickness of .....		.30 ✓		Stringer Plate, breadth and thickness .....	✓	
STRINGERS AND DECKS.				If Plated, state thickness .....	✓	
Uppermost Continuous Deck.				Fourth Deck.		
Stringer Plate, breadth and thickness in Wells .....		72 x .76 ✓		Stringer Plate, breadth and thickness .....	✓	
" " " " " in way of <del>Bridge</del> <b>CASING</b> ✓		.70 ✓		If Plated, state thickness .....	✓	
" Angle in Wells .....		6 6 .62 ✓		POOP Deck.		
Thickness of Plating abreast Deck openings in way of <del>Wells</del> .....		.76 - .72 ✓		Stringer Plate, breadth and thickness .....	✓	
Thickness of Plating abreast Deck openings in way of <del>Bridge</del> <b>CASING</b> .....		.65 - .60 ✓		Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating within line of openings...		.40 ✓		Bridge Deck.		
If Sheathed, material and thickness .....		NONE ✓		Stringer Plate, breadth and thickness .....	✓	
Second Deck.				Plating, Sheathing, material and thickness ...	✓	
Stringer Plate, breadth and thickness in Wells .....		84 x .38 ✓		Forecastle Deck.		
				Stringer Plate, breadth and thickness .....	.36	✓
				Plating, <del>Sheathing, material and</del> thickness .....	.32	✓
						.50" UNDER WINDLASS.

ANCHORS.

## HAWSERS AND WARPS.

## RIVETING.

## FORGINGS AND CASTINGS.

## STEEL.

**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 Society Rules & Regulations & 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, fore & aft peaks & water ballast tanks at sides of tunnel were tested as required by the rules & found satisfactory. The weather decks, W.T. bulkheads, & tunnel were hose tested & found satisfactory. The pumps, steering gear, windlass, W.T. doors, bilge suction & auxiliary steering gear were tried & found efficient. The freeboard has been verified & the marks cut in on the vessel sides. Emergency equipment has been supplied with the owners consent & no sparring is fitted in No. 1 & 5 holds. It is stated that sparring will be fitted at the first opportunity. <sup>see page 4</sup> The scantlings are suitable for a draft 10 in excess of that corresponding to the freeboard which could be assigned if a tonnage opening were fitted & the increased draft is 26' 1 1/2" marked. ✓

The amount of Entry Fee..... £10 : 0 : 0 } Fees applied for,  
11<sup>th</sup> SEPT. 1944.  
Special Survey Fee..... £300 : 0 : 0 }  
SPECIFICATION 95-0-0 } Received by me,  
Travelling Expenses, if any ..... £ : : } 19  
FREEBOARD. 18 0 0  
State whether the Vessel has been built under Special Survey YES.

Certificate to be sent to GREENOCK Glasgow Date of issue 13/10/44

Committee's Minute GLASGOW 27 SEP 1944

Character assigned + 100 A1  
With freeboard 9, 1944  
subject re.  
Lloyd's H.C.P. + L.M.C.G. 44.

Note - Sparring,  
Final re.

(Special notations, where part of class, to be stated.)  
subject to permanent repairs to indented  
plating & frames, port side in way of cross member  
being dealt with at earliest convenience.  
I am of opinion the Vessel should be Classed + 100 A1  
WITH FREEBOARD  
Signature J. A. Macdonald  
Surveyor to Lloyd's Register of Shipping.  
William D. Johnson



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.)

The plans of midship section, profile & decks, as built, the approved plans & forging reports are forwarded therewith.

This vessel is a sister vessel of S.S. Empire Talisman Greenock List Entry Report No. 22733.

The plans & specification have been supervised & a copy of the completion certificate is herewith enclosed.

All the tween deck bulkheads are completely closed & made watertight & a longitudinal steel watertight door about centre line is fitted on bulkhead No. 56.

No. 2, 3 & 4 holds & tween decks have been fitted for the carriage of insulated cargoes.

Damage stated to have been sustained by the vessel striking the quay wall at Rothesay Dock, Glasgow, on September 16<sup>th</sup> 1944: vessel striking on the port side in way of cross bunker plating on upper edge of H strake set in for about 3 frame spaces. The caulking & welding in way of damage was overhauled & made good.

It is considered that permanent repairs may be carried out at the Owner's convenience.

No hatch covers fitted at 2nd deck at Nos 1 & 5 hatchways.  
" cargo ballast fitted in Nos 1 & 5 holds & tween decks  
See page 3 and letter 10.10.44.

PARTICULARS OF ELECTRIC WELDING (if employed) FABRICATED STERNPOST & RUDDER, GUSSET PLATES TO TANK TOP, BULKHEAD STIFFENER BRACKETS TO TANK TOP & STIFFENER, C/LINE BULKHEAD STIFFENERS TO TANK TOP, TUNNEL STOODS, AUXILIARY SEATS, CORNERS BARS OF BULKHEADS & TANK ENDS, CRUISER STERN, BOSS PLATING, THRUST SEAT, VENTILATORS, BILGE STRAKE BUTTS AMIDSHIPS, 2<sup>ND</sup> DECK STRINGER PLATES TO SHELL IN NOS 1 & 5 TWEEN DECKS, CREWS COMPANIONWAY, CORNERS OF HATCH COAMING DECK BARS, WINCH GIRDERS TO DECK.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book.  $\pm$  100 A.I. WITH FREEBOARD, CRUISER STERN LLOYDS A.C.P. E.S.D.

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

1st Bower INCL. DING. 45-3-21: J.H.T.: 5577: 19-4-43.  
2nd " 45-1-0: J.H.T.: 5586: 23-4-43.  
3rd " "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 39' 8" ft.

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

Official No. 169514 Signal Letters Extreme Breadth over Belting ☒ Over-all Length 447' 9" (Circ. 1611) (Circ. 1703)

No. and Material of Decks 2 DKS. STEEL.

Parts of Bottom of Vessel coated with cement or approved composition CEMENT IN PEAKS, BILGES & DOUBLE BOTTOM TANK UNDER BOILERS. ELSEWHERE CEMENT COVERING RIVET HEADS IN BOTTOM FRAMES, GIRDERS & SHELL, REMAINDER OF

Particulars of composition (if fitted) and of approval TANKS CEMENT WASHED.

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	72	263	Fore peak tank,		150
Double bottom, under Engines and Boilers,	42	196	After peak tank,		115
Double bottom, if under Engines only,			Deep tank, aft, TUNNEL SIDE P&S.		410
Double bottom, if under Boilers only,			Deep tank, forward, UPPER FORE PEAK.		52
Double bottom, forward,	199.5	757	Other tanks, if fitted,		
Total length (if continuous) and Capacity	313.5	1216	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3510

Date 31<sup>ST</sup> MARCH 1943

Dates of Surveys held while building

(1943) JUNE 13. 14. JULY 13. 14. 15. 22. 24. 29. 30. AUG. 3. 10. 12. 13. 16. 17. 19. 20. 23. 24. 26. 30. SEPT. 1. 9. 14. 24. OCT. 25. NOV. 2. 3. 4. 11. 15. 24. 26. 29. DEC. 5. 7. 9. 15. 16. 17. 21. 22. 23. 28. (1944) JAN. 14. 17. 20. 26. 28. FEB. 1. 9. 16. 17. 22. 23. 24. 28. 29. MAR. 1. 6. 7. 9. 14. 15. 16. 17. 20. 21. 22. 23. 24. 25. 28. 29. 30. 31. APR. 4. 7. 12. 14. 18. 19. 20. 21. 24. 25. 26. 27. 28. MAY 1. 2. 3. 5. 8. 9. 10. 11. 16. 17. 18. 19. 23. 24. 25. 29. 31. JUNE 1. 2. 5. 6. 7. 8. 9. 10. 12. 13. 14. 15. 16. 19. 20. 21. 22. 23. 26. 27. 28. JULY 11. 12. 21. 26. 27. 28. 31. AUG. 1. 2. 4. 8. 9. 10. 11. 18. 21. 23. 24. 25. 29. 31. SEPT. 1. 4. 11. 12. 13. 14. 15. 17. 19.

Total No. of Visits