

STEEL STEAMER ~~OR MOTORSHIP~~

APR -9 1940

State if Report has been sent on the Freeboard of the Vessel *yes*State if Report is sent on the Machinery of the Vessel *from time*Date of completion of report *8<sup>th</sup> April, 1940*Port of *Sunderland*Survey held at *Sunderland*Date First Survey *7<sup>th</sup> June, 1939* Last Survey *time 6<sup>th</sup> April 1940*

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

*SS. GLENWOOD**Single Screw.*

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

*Complete Superstructure with Tonnage Opening*State Type of Erections *C.S.S.*TONNAGE under Tonnage Deck... *4355.28*CLASS *+ 100A.1.*State if with freeboard as condition of Class *YES*Built at *Sunderland*

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

Total

Gross Tonnage *4896.93*Register Tonnage *2755.51*REGISTERED DIMENSIONS.  
FEET.Length *415.10*Breadth *58.25*Depth *24.85*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 405.00*Breadth (greatest moulded) *B 57'-11 1/2"*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 35'-10"*1st Longitudinal Number (L x D) *= 14511*2nd Numeral L x (B + D) *= 37985*Framing Depth "d," at middle of length. See Sec. 3 (1d) *11.15*Proportions—Depth to Length—Uppermost continuous deck to top of keel *11.15*Do. Long Bridge to top of keel *24'-9 7/8"*Draught Moulded *24'-9 7/8"*Launched *21.2.40* Yard No. *728*Builders *Sir James Laing & Sons Ltd.*Owners *John I. Jacobs Ltd.*Managers *(Where necessary to be entered in Reg. Book.)*Residence *✓*Port of Registry *LONDON.*

If surveyed while building, afloat, or in dry dock

*YES.*

## 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	30 ✓		Bracket Floors, Frame <i>L. NBS.</i>	6x3 1/2x37 ✓	
" " from 3/4 length amidships to Collision bulkhead.....	27 ✓		" " Reversed Frame <i>L. NBS.</i>	5 1/2x3x37 ✓	
" " in peaks.....	24 ✓		" " Vertical Struts	20 8x3 1/2x3 1/2x42 ch. ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	42 1/2x53 ✓	
Frame Amidships, Angle, <i>✓</i> or <i>✗</i>	12x4x4x52 ✓		" " top Angles	3 1/2x3 1/2x47 ✓	
" " Extends up to	2nd Deck ✓		" " bottom Angles	4x4x53 ✓	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	One 37 ✓	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	39x53 ✓	
Depth of Framing Girder	12 ✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	5x5x43 ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>✓</i> or <i>✗</i>	7x3 1/2x36 ✓		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	6x6x43 ✓	
" " Second 'tween Decks, Angle, <i>✓</i> or <i>✗</i>	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem	10 1/2x14 fl. 2" continuous ✓	
" " Third " " " "	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	16x41 fl. 2" continuous ✓	
" " from 1/4 len. for'd. to 15% len. from Stem	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	43 1/2x44 ✓	
" " in Peaks, Angle or <i>✓</i> or <i>✗</i>	8x3 1/2x34 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 5 3/4 ✓		Breadth and thickness of Middle Line Strake	60x50 ✓	
State if Frame Joggled	YES ✓		Thickness of remainder in Holds	43 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES ✓		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 ✓	
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, <i>✓</i> or <i>✗</i>	10x3 1/2x40 ✓	
Floors, Depth and thickness at mid-line in Holds	✓		" " in way of Bridge, Angle, <i>✓</i> or <i>✗</i>	✓	
Height of Brackets at side above base line at toe of frame	✓		Spacing	4x4x4 ✓	
Middle Line Keelson, on Floors, Angles, <i>✓</i> or <i>✗</i>	✓		Second Deck, amidships, Angle, <i>✓</i> or <i>✗</i>	12x3 1/2x45 ✓	
" " " Through Plate or Intercoastal Plate	✓		Spacing	4x4x4 ✓	
" " " Foundation Plate on Floors	✓		Third Deck, amidships, Angle, <i>✓</i> or <i>✗</i>	✓	
" " " Flat Plate Keel Angles	✓		Spacing	✓	
Side Keelsons, No. each side	✓		Fourth Deck, amidships, Angle, <i>✓</i> or <i>✗</i>	✓	
" " thickness of Intercoastal Plate	✓		Spacing	✓	
" " Angles	✓		Poop Deck, Angle, <i>✓</i> or <i>✗</i>	✓	
DOUBLE BOTTOM.			Spacing	✓	
Solid Floors, thickness and spacing	39 every 3" ✓		Bridge Deck, Angle, <i>✓</i> or <i>✗</i>	✓	
" " Are Frame and Reversed Frame joggled?	YES ✓		Spacing	✓	
Bracket Floors, breadth and thickness at middle line	33x41 ✓		Forecastle Deck, Angle, <i>✓</i> or <i>✗</i>	8x3x36 ✓	
" " breadth and thickness at margin plate	41 ✓		Spacing	4x4x4 ✓	



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.
<b>PILLARS, No. of Rows.....</b>		✓		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 .....	36	✓	
" " " " " "		✓		Thickness of Plating abreast Deck openings in way of Bridge .....	✓		
" "in Holds " "		✓		Thickness of Plating within line of openings...	34	✓	
" " " " " "		✓		If Sheathed, material and thickness .....	✓		
<b>Centre Line Bulkhead.</b>	11x3½x44L ✓			<b>Third Deck.</b>			
Stiffeners and Spacing.....	5'0" apart		As app'd ✓	Stringer Plate, breadth and thickness.....	✓		
Plating, thickness of .....	.30	✓		If Plated, state thickness.....	✓		
<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 Way .....	59x59 ✓			If Plated, state thickness .....	✓		
" " " " " "in way of Bridge .....	✓			<b>Poop Deck.</b>			
" Angle in Wells .....	6x6x59 ✓			Stringer Plate, breadth and thickness .....	✓		
Thickness of Plating abreast Deck openings in way of Wells .....	.50	✓		Plating, Sheathing, material and thickness ...	✓		
Thickness of Plating abreast Deck openings in way of Bridge .....	✓			<b>Bridge Deck.</b>			
Thickness of Plating within line of openings...	.39	✓		Stringer Plate, breadth and thickness.....	✓		
If Sheathed, material and thickness .....	✓			Plating, Sheathing, material and thickness ...	✓		
<b>Second Deck.</b>				<b>Forecastle Deck.</b>			
Stringer Plate, breadth and thickness in Wells...	63x39			Stringer Plate, breadth and thickness.....	36	✓	
				Plating, Sheathing, material and thickness ...	32	✓	

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?			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 .....	5 1/2	77	67	67		D	7/8	3/3	4	1	4	L	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes <i>A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z</i>		58	65	50		D	7/8	3/3	3	7/8	3/8	L	
BILGE PLATING, No. of Strakes <i>A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z</i>		58	58	48		D	7/8	3/3	3	7/8	3/8	L	
SIDE PLATING, No. of Strakes <i>A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z</i>		58	58	46		D	7/8	3/3	3	7/8	3/8	L	
UPPER DECK, Sheer-strake in <i>Wells</i> .....	72	68	58	46		D	7/8	3/3	4	7/8	3/2	L	
UPPER DECK, Sheer-strake in Bridge ...													
STRAKE BELOW Sheer-strake in <i>Wells</i> .....	72	60	58	46		D	7/8	3/3	3	7/8	3/8	L	
STRAKE BELOW Sheer-strake in Bridge ...													
POOP SIDE PLATING .....													
BRIDGE SIDE PLATING ...													
FORE'C'TLE SIDE PLATING		40				S	3/4	3	1	3/4	2 5/8	L	

<b>Total No. of W.T. BULKHEADS in Vessel—</b>		
Extending to Upper Deck (Sec. 3 c)		1 ✓
„ Deck next below		5 ✓
As per Rule		6 ✓

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
<b>KEEL, Bar</b> .....				
<b>STEM</b> .....	<i>Rolled</i>	<i>10x2½</i>	<i>Sunderland Forge</i>	
<b>STERN FRAME</b> { Propeller Post .....	<i>Cast</i>	<i>12x13½</i>	<i>Red. Strathguthrie</i>	
{ Rudder .....				
<b>Speed of Vessel</b> .....		<i>not exceeding</i>	<i>12 knots</i>	
<b>RUDDER—Type</b> .....				
" A x D .....				
" Diam. of head .....		<i>9</i>		
" Mainpiece at top pintle .....		<i>12</i>		
" " heel ....		<i>9</i>		
" how constructed ....		<i>Forged,</i>		
" double or single plate .....		<i>62</i>		
" coupling, vertical or .....				
" horizontal .....		<i>Horizontal</i>		

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68		EQUIPMENT No. 38700 ✓				LETTER at ✓		ANCHORS.							
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 55.	Description of Anchor.	Makers.	Where and when tested and Superintendent.				
		QWTS.	lbs.	QWTS.	QRS.	lbs.	Tons.	QWTS.	QRS.	lbs.					
39441	1st Bower ...	2	0	✓			52	18	3	0	68 ✓	Stockless	✓	L.P.H.S.	2-2.40 W.V.M.
39447	2nd " ...	68	1 14	✓			52	18	3	0	68 ✓	do.	✓	do.	3-2.40 do.
39290	3rd " ...	58	3 14	✓			47	13	3	0	58 1/2 ✓	do.	✓	do.	14-12.39 do.
	Collective weight.	125	3 0	✓							194 1/2 ✓				
39298	Stream .....	24	0 4	✓			23	19	2	21	23 3/4 ✓	do.	✓	do.	16-12.39 do.

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 and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 63.			
	Length.	Diam.	Start- ing.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Diam.		Length.	Cir.	Length.	Cir.
112267	225	2 1/8	96 20	34 20	600	3.10	720 3/4	270	2 1/8	Steel wire	✓	L.P.H.N. 8.2.40 R.V.	TOWLINE...	120	4 1/4	64 6	120	4 1/4	
40242	45	2 1/8	96 20	34 20	118	1.7				do.	✓	L.P.H.C. 7.2.40 A.B.	HAWSEYS & WARPS	2090	2 1/4	15.2	2090	2 1/4	
	240				119.0.14	< right				do.	✓		"	2090	2 1/2	13.2	2090	2 1/2	
	90	5			328					do.	✓		"						

18

6-11-18 1 2 27"

Size of Hatchways No. 1 (Fwd.) 29'-3" x 20' No. 2 30' x 20' No. 3 25' x 20' No. 4 32'-6" x 20' No. 5 32'-6" x 20' No. 6 1

Number of **Shifting Beams** *N=1,2,4,5 - 4, N=3 - 3.*

Builder's Signature \_\_\_\_\_

GENERAL DECLARATION

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo

The vessel has been built in accordance with the approved plan, the Secretary's letter, & the Society's Rules.

*[Faint handwritten notes at the bottom of the page]*

The double bottom ...

The decker hullhead tunnel and shoot hand pump W.T. down have been tested and found

business, steering gear, emergency steering gear, have been tested.

... frame, under frame, gutter, etc.

\_\_\_\_\_

The amount of Entry Fee ..... £ 0 : : (Special notations, where part of class, to be stated.)

Received by me,

with freeboard

Signature W. B. Miller

Fig. 4.3.1.5

Will send 7

London acc. + dms. H. 40

105. 659 2 CR (54) 72

1 Aug 1942

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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.)

Plans of Midship Section, Profile, Deck, as built, are being prepared, & will be forwarded in due course.

SISTER VESSELS.		
S.S. ROYAL SCEPTRE	S.L.D. RPT. NO.	32270
S.S. ST. ELWYN	"	32540
S.S. BRETWALDA.	"	32601
S.S. ARGYLL	"	32752.
S.S. BEECHWOOD	"	32788.
S.S. INVERNESS.	"	32791
S.S. ROYAL EMBLEM	"	32811

It will be observed that the weight of the chain cable is deficient by almost  $1\frac{3}{4}$  cwt., but in view of the anchor being  $1\frac{1}{4}$  cwt. in excess, it is submitted that the same might be accepted.

PARTICULARS OF ELECTRIC WELDING (if employed) Rudder partly welded.

T.S. gussets welded to tank top and to T.S. brackets.  
Masts and derrick posts, ventilator coaming, small hatch coamings, main hatch side stays, welded to deck.  
Deep tank top plating welded to shell.

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

Cruise Stern  
D.F. E.S.D.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	including pin	1st Bower	2nd "	3rd "		
		43 1 14	44 0 0	38 2 14	J.D.	2468 5.12.39
					J.D.	2392 17.11.39
					J.D.	2137 30.8.39

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

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ☒  
Official No. 167415 Signal Letters ☒ Extreme Breadth over Belting ☒  
No. and Material of Decks 1 Deck (steel) & Shelter Deck (steel) Over-all Length (Circ. 1703) 431-9 $\frac{1}{2}$ "  
Parts of Bottom of Vessel coated with cement or approved composition Cement throughout.  
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,	72.5	242	Fore peak tank,	23.5	155
Double bottom, under Engines and Boilers,	40.0	171	After peak tank,	18.0	145
Double bottom, if under Engines only,			Deep tank, aft,	65.0	390
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	176.00	562	Other tanks, if fitted, upper Fore Peak	28.0	169
Total length (if continuous) and Capacity	288.5	975	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 5905

Date 28.4.39

Dates of Surveys held while building

1939. June 7. 19. July. 4. 7. 10. 11. 13. 14. Aug. 8. 9. 11. 15. 16. 17. 18. 21. 22. 23. 24. 28. 29. 30. Sep. 4. 6. 12. 14. 15. 19. 20. 21. 22. 26. 27. 28. 29. Oct. 2. 3. 5. 9. 10. 12. 16. 18. 20. 23. 25. 26. Nov. 6. 7. 9. 13. 15. 17. 21. 22. 29. Dec. 4. 8. 12. 14. 19. 21. 28. 1940. Jan. 3. 4. 9. 12. 15. 17. 18. 22. 23. 24. 25. 26. 30. Feb. 1. 2. 6. 8. 13. 15. 17. 20. 21. 23. Mar. 8. 27. (Hue. Apt. 6)

Total No. of Visits 89

Has the Steel been tested as required by