

STEEL STEAMER or MOTORSHIP.

Received at London Office JUN 24 1938

State if Report has been sent on the Freeboard of the Vessel *Yes*State if Report is sent on the Machinery of the Vessel *Yes*Date of completion of report *21st June 1938* Port of *Sunderland* No. *32408*Survey held at *Sunderland* Date First Survey *10th January '38* Last Survey *14th June 1938*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *SS SYLVIA BEALE* Single Screw, Machinery Aft.State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling* State Type of Erections *R.Q.D., BRIDGE, F.E.L.*TONNAGE under Tonnage Deck... *738.60* CLASS *+ 100 A.1.* State if (with freeboard) as condition of Class *No.* Built at *Sunderland*Do. of space or spaces between Tonnage Dk. and Upper Dk. *✓* Length from fore part of stem to after part of stern most on summer L.W.L. See Sec. 3 (1a) *L 209.00* Launched *16th May 1938* Yard No. *348*Total *✓* Breadth (greatest moulded) *B 34.00* Builders *S.P. Austin & Son Ltd*Gross Tonnage *1039.90* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 15.33* Owners *Stephenson Blake & Assoc. Co. Ltd.*Register Tonnage *571.84* 1st Longitudinal Number (L x D) = *3204* Managers *✓*REGISTERED DIMENSIONS. FEET. 2nd Numeral L x (B + D) = *10310* (Where necessary to be entered in Reg. Book.)Length *211.3* Framing Depth "d," at middle of length. See Sec. 3 (1d) *✓* Residence *✓*Breadth *34.2* Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.63* Port of Registry *LONDON.*Depth *13.45* Do. *R.Q.D. Long. Depth to top of keel* *10.95* If surveyed while building, afloat, or in dry dock *YES.*Draught Moulded *14'6"*

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	24	✓	Bracket Floors, Frame	✓	
" " from $\frac{3}{4}$ length amidships to Collision bulkhead	24	✓	" " Reversed Frame	✓	
" " in peaks	22 $\frac{1}{2}$	✓	" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	31 x 38	✓
Frame Amidships, Angle, ∇ or \sqsubset <i>N.B.S.</i>	5 x 3 x 33	5 $\frac{1}{2}$ x 3 x 40 L <i>app'd</i>	" " top Angles	3 x 3 x 40	✓
" " Extends up to	R.Q.D.	✓	" " bottom Angles	3 x 3 x 38	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	10 5 x 3 x 30 L	✓
" " Extends up to	✓		<i>sloping tank side</i>		
Depth of Framing Girder	5	✓	Margin Plate (depth (excl. of flange) and thickness)	31 x 34	✓
Frames in Uppermost Continuous 'tween Decks, Angle, \sqsubset or \sqcap	✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	3 x 3 x 30	✓
" " Second 'tween Decks, Angle, \sqsubset or \sqcap	✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	3 x 3 x 30	✓
" " Third " " " "	✓		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	✓	
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem	5 x 3 x 33 L	5 $\frac{1}{2}$ x 3 x 36 L <i>app'd</i>	" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area	✓	
" " in Peaks, Angle or \sqsubset	5 x 3 x 33	5 x 3 x 28	Tank Side Brackets, height above base line at toe of Frame and thickness	side tank 7'7" high frame fast comm. as app'd	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 5/4	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	Yes	✓	Breadth and thickness of Middle Line Strake	plating 50 built on	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes	✓	Thickness of remainder in Holds	50	✓
Are the scantlings and arrangements in way of the Bottom Forward 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.	✓
SINGLE BOTTOM. in Boiler Space			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	21 x 44	✓	Uppermost Continuous Deck, amidships	4 x 3 x 30	✓
Height of Brackets at side above base line at toe of frame	21	✓	" " in way of Bridge, Angle, ∇ or \sqsubset	5 x 3 x 47	5 $\frac{1}{2}$ x 3 x 38 <i>app'd</i>
Middle Line Keelson, on Floors, Angles, \sqsubset or \sqcap	✓		" " Spacing	every	✓
" " Through Plate or Intercoastal Plate	25 x 48	✓	R.Q. Deck, amidships, Angle, ∇ or \sqsubset	4 x 3 x 30	✓
" " Foundation Plate on Floors	12 x 48	✓	" " Spacing	every	✓
" " Flat Plate Keel Angles	3 x 3 x 38	✓	Third Deck, amidships, Angle, \sqsubset or \sqcap	✓	
Side Keelsons, No. each side	ONE.	✓	" " Spacing	✓	
" " thickness of Intercoastal Plate	43	✓	Fourth Deck, amidships, Angle, \sqsubset or \sqcap	✓	
" " Angles	5 x 3 x 47	✓	" " Spacing	✓	
DOUBLE BOTTOM.			Poop Deck, Angle, \sqsubset or \sqcap	✓	
Solid Floors, thickness and spacing	31 every	✓	" " Spacing	✓	
" " Are Frame and Reversed Frame joggled?	FRAME YES REV. FR. NO.	✓	Bridge Deck, Angle, ∇ or \sqsubset	5 x 3 x 36	5 $\frac{1}{2}$ x 3 x 34 L <i>app'd</i>
Bracket Floors, breadth and thickness at middle line	✓		" " Spacing	alt.	✓
" " breadth and thickness at margin plate	✓		Forecastle Deck, Angle, ∇ or \sqsubset	5 x 3 x 51	5 $\frac{1}{2}$ x 3 x 38
			" " Spacing	alt.	✓

PILLARS AND DECK.					
	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	✓	
" 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	✓	
" " " " "	✓		Thickness of Plating within line of openings.....	✓	
Centre Line Bulkhead.			If Sheathed, material and thickness	✓	
Stiffeners and Spacing.....	✓		Third Deck.		
Plating, thickness of	✓		Stringer Plate, breadth and thickness.....	✓	
STRINGERS AND DECK.			If Plated, state thickness.....	✓	
Uppermost Continuous Deck.			Fourth Deck.		
Stringer Plate, breadth and thickness.....	68 1/2 x 56 ✓		Stringer Plate, breadth and thickness.....	✓	
" " " " in way of Bridge	80 x 74 ✓	aff'd 68	If Plated, state thickness	✓	
" Angle in Wells	5 x 5 x 56 ✓		Poop Deck.		
Thickness of Plating abreast Deck openings in way of Wells	✓		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.....	30 x 32 ✓		Bridge Deck.		
If Sheathed, material and thickness	✓		Stringer Plate, breadth and thickness.....	60 x 30 ✓	
RD Deck.			Plating, Sheathing, material and thickness ..	30 ✓	
Stringer Plate, breadth and thickness.....	68 x 34 ✓		Forecastle Deck.		
			Stringer Plate, breadth and thickness	34 ✓	
			Plating, Sheathing, material and thickness ..	34 x 36 ✓	

SHELL PLATING.												
SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if Joggled?	No	No. of Rows of Rivets.	Rivets.		Strapped or Lapped.	
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing or to cr.		Diam.
	Inches.	Inches.	Inches.	Inches.		SINGLE OR DOUBLE.	Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	40 ¹ / ₂	49 ✓				D	3 ¹ / ₄	3	✓ 3	3 ¹ / ₄	2 ⁵ / ₈	L
„ DBLG. (if any)	✓	✓										
BOTTOM PLATING, No. of Strakes <i>A, B, C...</i>		41 ✓	40 ✓	38 ✓		D	3 ¹ / ₄	3	✓ 3	3 ¹ / ₄	2 ⁵ / ₈	L
BILGE PLATING, No. of Strakes <i>D.....</i>		40 ✓	40 ✓	36 ✓		D	3 ¹ / ₄	3	✓ 3	3 ¹ / ₄	2 ⁵ / ₈	L
SIDE PLATING, No. of Strakes <i>E, F, G...</i>		40 ✓	40 ✓	36 ✓		D	3 ¹ / ₄	3	✓ 2	3 ¹ / ₄	2 ⁵ / ₈	L
UPPER DECK, Sheer-strake in Wells.....	45	54 ✓	40 ✓	✓		D	3 ¹ / ₄	3	✓ 3	7 ¹ / ₈	3 ¹ / ₈	L
<i>RD</i> DECK, Sheer-strake in Wells.....	47 ¹ / ₂	45 ✓	✓	36 ✓		D	3 ¹ / ₄	3	✓ 3	3 ¹ / ₄	2 ⁵ / ₈	L
STRAKE BELOW Sheer-strake in Wells.....	45	48 ✓	40 ✓	✓		D	3 ¹ / ₄	3	✓ 3	3 ¹ / ₄	2 ⁵ / ₈	L
STRAKE BELOW Sheer-strake in Wells.....	45	43 ✓	✓	36 ✓		D	3 ¹ / ₄	3	✓ 3	3 ¹ / ₄	2 ⁵ / ₈	L
POOP SIDE PLATING	✓	✓										
BRIDGE SIDE PLATING ...	✓	30 ✓	✓			S	3 ¹ / ₄	3	✓ 1	3 ¹ / ₄	2 ⁵ / ₈	L
FORECASTLE SIDE PLATING	✓	30 ✓	✓			S	3 ¹ / ₄	3	✓ 1	3 ¹ / ₄	2 ⁵ / ₈	L

WATERTIGHT BULKHEADS.						FORGINGS and CASTINGS.				
Total No. of W.T. BULKHEADS in Vessel—						Casting or Forging.		Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
Extending to Upper Deck (Sec. 3 c)						3 ✓				
" Deck next below						1				
As per Rule						3 ✓				
						STIFFENERS.				
						VERTICAL.		HORIZONTAL.		
						Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKHD., Upper tween decks						✓				
" " Second "						✓				
" " Third "						✓				
" " Holds No. 30 BMD.						40-30	7-3 x 48 L 30	7 1/2 x 5 x 88 L 52 1/2 x 63 x 32 1/2		
COLLISION " (in Hold)						36-30	7-3 x 48 L 24	d. br. flat. cabin flat 34 1/2 a shelf.		
AFTER PEAK " "						50-30	5-3 x 30 L 24			
STEEL.						Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)				
						Consett, South Durham, Sorman Long, Cargo Fleet, Skinningrove				
						Has the Steel been tested as required by the Rules? YES. ✓				

KEEL, Bar		Roller Steel 6 3/4 x 1 1/2	✓	Consett
STEM				
STERN FRAME	Propeller Post	Forging 7 1/2 x 4 1/8	✓	T.S. Foster & Son
	Rudder "	6 3/8 x 4 7/8		
Speed of Vessel		10 knots ✓		
RUBBER—Type				
" A x D		11 1/4 ✓		
" Diam. of head		5 3/4 ✓		
" Mainpiece at top pintle		5 1/2 x 3 3/4 ✓		
" " " heel ...		3 1/2 x 3 1/4 ✓		
" how constructed		4 arms riveted ✓		
" double single plate		30		
" coupling, vertical or horizontal		vertical ✓		

EQUIPMENT No 11088 ✓										LETTER m		ANCHORS.	
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.			
37727	1st Bower	23	2	7	✓	23	11	3	14	✓	23 1/4	✓	L.P.H.S. 10.11.37 J.H.B.
37716	2nd "	23	2	0	✓	23	10	0	0	✓	23 1/4	✓	" 6.11.37 "
37754	3rd "	20	1	21	✓	21	3	3	0	✓	20 1/4	✓	" 17.11.37 "
51316	Stream	6	0	18	✓	2	14	8	7	2	0	✓	L.P.H.S. 8.2.38 L.C.F.

CHAIN CABLES.										HAWERS AND WARPS.						
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 53.		
	Length.	Diam.		Supplied.	Per Rule.						Length.	Diam.			Length.	Cir.
56027	210	1 1/8	✓	222	2	2	222 1/2	210	1 1/8	✓	L.P.H.S. 25.1.38 L.C.F.	90	3 1/4	21.7	90	3 1/4
												60	2 1/2	13.2	1090	2 1/4
															1090	1 3/4

Steering Gear, Type (Power or hand) *Surkin & Co.* Alternative Means of Steering *Hand Gear and Auxiliary Block & Tackle*

Steering Chains (Size and Test) *Selemator* Windlass *Emerson Walker* Boats *2 @ 18-0"*

Ceiling in Holds, thickness and material *NONE* Cargo Battens, thickness, material and spacing *NONE*

Cargo Hatchways.—(Upper Deck) *Steel plate, and angle, Reith Patent* Thickness of Hatches *3"*

Size of Hatchways No. 1 (Fwd.) *48' x 22'6"* No. 2 *50' x 22'6"* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams *No. 1-7, No. 2-7*

FOR S. P. AUSTIN & SON, LIMITED

Builder's Signature *Young*

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).

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

The material and workmanship are good.

The freeboard marks have been verified and cut in on the vessel's sides.

The double bottom tanks, fore and after peaks, have been tested in accordance with the Rules.

The decks, hullhead, land pump, ash shoot, have been tested and found good.

The windlass and steering gear have been tried under working conditions.

The auxiliary steering gear have been rigged and worked.

The following forging certificates are enclosed:— Stern Frame, Rudder Frame, Upper Stock, Quadrant, Liller, Land gear quadrant, pinion, 4 toothed segments.

The amount of Entry Fee £ 5 : : : Fees applied for, *21 JUNE 1938*

Special Survey Fee £ 104 : : : Received by me, *12/7 1938 JMR/3/7*

Travelling Expenses, if any £ *10* I am of opinion the Vessel should be Classed *+100 A.I.*

State whether the Vessel has been built under Special Survey *YES* Signature *W. C. Fuller*

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *SUNDERLAND*. Date of issue *14/7/38*

Committee's Minute *TUE 28 JUN 1938*

Character assigned *+100 A.I.*

Large battens not fitted Lloyd's arch

W. C. Fuller

2020

Lloyd's Register Foundation

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 vessels.

SS. ELEANOR BROOKE SLD. RPT. N° 32325.
SS. ELIZABETH LYSAGHT SLD. RPT. N° 32372.

Plans of Midship Section, Profile, & Decks as built are enclosed herewith.

PARTICULARS OF ELECTRIC WELDING (if employed) ✓

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

Cruise Stern

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	including pin 1st Bower	17	0	0	✓	J.F.R.	2602	3.9.37
	2nd "	16	3	21	✓	J.F.R.	2606	3.9.37
	3rd "	13	3	7	✓	J.F.R.	2608	3.9.37

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 119.91 ft., Bridge 11.33 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. 166480

Signal Letters ✓

Extreme Breadth over Belting (Circ. 1611) ✓

Over-all Length (Circ. 1709) 220.5 ✓

No. and Material of Decks 1 Deck (steel) ✓

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.)

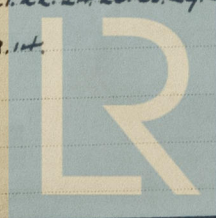
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓	✓	Fore peak tank,	19.25	90 ✓
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	✓	30 ✓
Double bottom, if under Engines only,	16.0 ✓	15 ✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	142.0 ✓	425 ✓	Other tanks, if fitted,	✓	✓
Total length (if continuous) and Capacity		440 ✓	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 5868

Date 9. 6. 37.

Dates of Surveys held while building

1938. Jan. 10. Feb. 4. 11. 14. 15. 17. March. 3. 8. 9. 11. 16. 21. 22. 24. 25. 28. 29. 30. 31. April. 1. 6. 8. 11. 13. 20. 21. 27. 29. 30.
May. 2. 4. 6. 11. 13. 16. 18. 30. 31. June. 3. 7. 8. 9. 10. 13. 14.



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Total No. of Visits 45.

For R.O.F. see Old rpt. No. 32325. or SS. Eleanor Brooke.