

RECEIVE

15 JUN 1946

IN D.O.

## STEEL STEAMER OR MOTORSHIP

Received at London Office

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

Yes

State if Report is sent on the Machinery of the Vessel

No

Date of completion of report 2nd June 1949 Port of Copenhagen

Survey held at Copenhagen Date First Survey 7th May Last Survey 12th May 1949

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

Steel single screw steamer

ST. ELWYN

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

Complete Superstructure with Tonnage open

State Type of Erections Fete on C.S.S. dk.

TONNAGE under Tonnage Deck

4562.76

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

Total

Gross Tonnage 5199.75

Register Tonnage 2983.98

## REGISTERED DIMENSIONS.

FEET

Length 440.5

57.1

24.3

CLASS 100A1 with freeboard (contempt)

State if with freeboard condition of Class

YES

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

426-6"

Breadth (greatest moulded)

B 56-11"

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

D 36-2 1/2"

1st Longitudinal Number (L x D)

15124

2nd Numeral L x (B + D)

39398

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

-

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

11.75

Do. Long Bridge to top of keel

-

Draught Moulded

24-6 1/2"

Built at Sunderland

Launched 21.6.40 Yard No 731

Builders Sir James Laing &amp; Sons Ltd.

Owners Shakespear Shipping Co Ltd

Managers South American Steam Line

(Where necessary to be entered in Reg. Book)

Residence -

Port of Registry Newport, Mon.

If surveyed while building, afloat, or in dry dock

Afloat

## 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"		Longitudinal		
" " from 1/2 length amidships to Collision bulkhead	29 1/2" in machy sp.		Bracket Floor, Frame	8 3 1/2 49	spaced 30"
" " in peaks	27"		" " Reversed Frame	8 3 40	do
DE FRAMING.			" " Vertical Struts	none	
Frame Amidships, Angle, [ or ]	12 x 3 1/2 x 3 1/2 x 55/60		Centre Girder, depth and thickness amidships	43 1/2 x 36	in fwd hold
" " Extends up to	Second deck to upper dk in way of transverses		" " top Angles	49 1/2 x 36	in aft hold
Reversed Frame Amidships, Angle			" " bottom Angles	3 1/2 3 1/2 x 42	double
" " Extends up to			Side Girders, No. each side and thickness	4 4 50	double
Depth of Framing Girder			Margin Plate depth (excl. of flange) and thickness	2 - 42	under engines
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]	6 3 1/2 30		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	38 1/2 x 50	fwd holds
" " Second 'tween Decks, Angle, [ or ]	-		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	49 x 50	aft holds
" " Third	-		" " Gussets, spacing and scantling abaft 1/2 len. from stem	6 6 45	fwd
" " from 3/5 len. for'd. to coll. bulk.	15 x 4 x 4 x 41/62		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	5 5 45	aft.
" " in Peaks, Angle, [	7 3 1/2 44		Tank Side Brackets, height above base line at toe of Frame and thickness	45 x 42	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 5 1/2 diams apart		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	53 1/2 x 52	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	as approved		Thickness of remainder in Holds	42	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	as approved		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, as on approved mid. sec.	
DOUBLE BOTTOM.			BEAMS. Transverses on		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships	15 x 4 x 4 x 60/62	
Height of Brackets at side above base line at toe of frame			" " with 3" x 1" rider	12 x 3 1/2 x 3 1/2 x 44/60	
Middle Line Keelson, on Floors, Angles, [ or ]			" " in way of Bridge, Angle, [ or ]	10' 0"	almost hatchways
" " Through Plate or Inter-costal Plate			Spacing		
" " Foundation Plate on Floors			Second Deck, amidships, Angle, [ or ]	18 x 40 plate with 10 x 3 1/2 x 48 BA mounting	
" " Flat Plate Keel Angles			Spacing	10' 0"	
Side Keelsons, No. each side			Third Deck, amidships, Angle, [ or ]	17 x 4 x 4 x 44/68	
" " thickness of Inter-costal Plate			Spacing	almost hatchways	
" " Angles			Upper deck longitudinal	6 3 30	
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, [ or ]	30" x 36"	
Solid Floors, thickness and spacing	36 spaced 7-6"		Spacing		
" " Are Frame and Reversed Frame joggled?	Yes		Second deck long.	7 3 34 outside hatch	
Bracket Floors, breadth and thickness at middle line	Intermediate partial floors under engines & thrust recess		Fourth Deck, Angle, [ or ]	6 3 38 inside openings	
" " breadth and thickness at margin plate			Spacing	30"	



[illegible][illegible]

Total No. of W.T. BULKHEADS in Vessel—		1		Any Dep't from App' Plans to be	
Extending to Upper Deck (Sec. 3 c).		6		Length of cross bunker 15 ft = 5 b'kds for Reg. Bk.	
Deck next below		1 to upper. 6 to second.			
As per Rule					
		STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULK'HD, Upper 'tween decks		Scantlings not available.			
Second					
Third					
Holds					
COLLISION (in Hold)					
AFTER PEAK					
		CASTING OR FORGING.			
		SCANTLING.			
		MAKER'S NAME.			
KEEL, Bar		Rolled 9 3/4 x 2 1/2			
STEM		Cast steel			
STERN FRAME		Propeller Post			
		Rudder			
Speed of Vessel		Cast steel			
RUDDER—Type		certy			
A x D.		Scantlings not available.			
Diam. of head		See "stern post and rudder plan."			
Mainpiece at top pintle					
heel					
how constructed					
double or single plate coupling, vertical or horizontal					

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		Rudder			
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RUDDER—Type		certy			
A x D.		Scantlings not available.			
Diam. of head		See "stern post and rudder plan."			
Mainpiece at top pintle					
heel					
how constructed					
double or single plate coupling, vertical or horizontal					

		LETTER										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.	qrs.	Lbs.	Cwts.			
39309	1st Bower ...	68	1	21								68			
39527	2nd „ ..	68	0	31								68			
39514	3rd „ ..	58	2	31								58.5			
	Collection weight	195	1	7								194.5			
99045	Stream .....	19	0	23	4	3	26								

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 52.		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 52.		
	Length.	Diam.	Sta- tion- ary.	Break- ing.	Supplied.		Per Rule.	Length.					Diam.	Length.		Cir.	Length.	Cir.
					Tons.	Cwts.												
112537	225	2"				489	3	8	-	270	2"	Sam. Taylor		130	4 1/2"		120	4 3/4"
		Tape								Tape			TOWLINE					
													HAWSERS & WARPS	90	8"		90	8"
													"	90	8"		90	8"
													"	90	7"		90	7"
													"	90	7"		90	7"

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 52.		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 52.	
	Length.	Diam.	Sta-tion-ary.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
112537	225	2"			489	3 8	-	270	2"		Sam. Taylor		130	4 1/2"		120	4 3/4"
		Tape							Tape			TOWLINE					
												HAWSERS & WARPS	90	8"		90	8"
												"	90	8"		90	8"
												"	90	7"		90	7"
												"	90	7"		90	7"

Wilson Purrie Type Steam Gear  
by J. Lynn & Co Ltd Sunderland

Steering Gear, Type (Power ~~hand~~) Alternative Means of Steering Blocks & wire.

Steering Chains (Size and Test) — Windlass Steam by Clarke Chapman Boats 4 wood lifeboats

Ceiling in Holds, thickness and material over bulges and under hatchways Cargo Battens, thickness, material and spacing 6" x 2" wood spaced 9" abaft

Cargo Hatchways.—(Upper Deck) steel plates and angles Thickness of Hatches 2 7/8" wood

Size of Hatchways No. 1 (Fwd.) 29'-3" x 20' No. 2 35' x 20' No. 3 20' x 20' No. 4 30' x 20' No. 5 30' x 20' No. 6 —

Number of Shifting Beams } 4 5 3 4 4  
and for Fore and Afters }

Builder's Signature —

The ship is in a good and efficient condition and is, so far as can be seen, built in accordance with the plans of midship section, profile, and decks, approved on 13<sup>th</sup> Dec. 1948.

Oil fuel is carried in the following spaces:- No 3 Double Bottom Tank, Cross Bunker, side bunker port, and settling tanks starboard (2)

The windlass and steering gear have been examined and found to be in working order.

Only the emergency equipment of cable is provided

The amount of Entry Fee..... £ : :  
Special Survey Fee.....  
Travelling Expenses, if any ..... £ - : :  
State whether the Vessel has been built under Special Survey  
Certificate to be sent to  
Committee's Minute  
Character assigned

Fees applied for,  
Received by me,  
Fees Classed  
I am of opinion the Vessel should be Classed  
Fitted for oil fuel  
Signature  
Surveyor to Lloyd's Register of Shipping.

*Fee charged on report 8c*  
*100 A1*  
*with freeboard 9.40. 1st class, above 150° F.*  
*G. Bucknary*  
*22/12/49*  
*FRI. 21 OCT 1949*  
*100 A1 with 1st class*

Character assigned 100 AM with fbd  
 Fitted for oil fuel F.P. above 150°K  
 S(ch) 6.48 6.48 hwn S.S. hwn 6.48 Lmc m 5.6.48  
 Classed 5.49 Lloyds A&CP B 5.10.48  
 but. Deferred for dry dock  
 Write ~~del~~ Own  
 Amend classed 5.49  
 Classed B.S. prior 5.49  
 (when cert. ready)



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.)

This report has been prepared in accordance with the instructions contained in the London letter "S" of 2nd May 1949.

The plans of midship section, profile, and decks (3 plans) approved in London on the 13<sup>th</sup> Dec. 1948 together with the British Corporation Survey Book for the hull are enclosed herewith.

PARTICULARS OF ELECTRIC WELDING (if employed)

Tank side gussets to tank top.  
Solid half round on lower part of main frames.  
Face plates on deck transverses.

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

D.F. Cruiser Stern. Longitudinal framing in double bottom and at deck.  
Fitted for O.F. 740 Flash point above 150°F.

RADAR Equipment (State if fitted)

State Type or Pattern No.

State Name of Maker and/or Supplier.

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. — ft., Bridge — ft., Forecastle 39 ft.

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

Official No. 166303

Signal Letters G M P R

Extreme Breadth over Belting

Over-all Length 453.7

No. and Material of Decks

1 Deck and Shelter deck

Parts of Bottom of Vessel coated with cement or approved composition

The whole of the shell plating in the double bottom, except in way of No 3 D.B. Tank, is covered with cement 1½" thick.

Particulars of composition (if fitted) and of approval

Tank margin brackets and bulges, excluding oil bunkers coated with bitumastic enamel.

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,	107.5	260	Fore peak tank,	26.75	174
Double bottom, under Engines and Boilers,	134.2	575	After peak tank,	22.0	168
Double bottom, if under Engines only,	.	.	Deep tank, aft,	.	.
Double bottom, if under Boilers only,	.	.	Deep tank, forward,	.	.
Double bottom, forward,	130.5	372	Other tanks, if fitted,	.	.
Total length (if continuous) and Capacity	372.2	1207	(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building

Date of launch 21/6/40.  
Keel laid 1/2/40.  
Date of build 9/40

Vessel not built under special survey.

Total No. of Visits