

STEEL STEAMER ~~or MOTORSHIP~~

Received at London Office... AUG 21 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 *Yes.*

Date of completion of report

Survey held at

*Glasgow.*

Port of

Date First Survey

*(1939) June 5<sup>th</sup>*

Last Survey

*3<sup>rd</sup> August 1940*No. *62728*On the (State if Machinery is *Full* and if Single, *Double* Screw)*S.S. NOVELIST*

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

*Full Scantling*State Type of Erections *P. B. F.*TONNAGE under Tonnage Deck... *5600.32*CLASS *+100. A.1.*State if with freeboard as condition of Class *NO*Built at *Govan Glasgow.*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 420.0*Launched *4.6.40* Yard No. *1033 G.*Total *5600.32*Breadth (greatest moulded) *B 54.29*Builders *Messrs Harland & Wolff Ltd.*Gross Tonnage *6132.67*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 32.58*Owners *Parents P.P. Coy Ltd.*Register Tonnage *3704.39*1st Longitudinal Number (L x D) *= 13684*Managers *J. J. Harrison*

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

2nd Numeral L x (B + D) *= 36485*

Residence

## REGISTERED DIMENSIONS.

FEET.

Length *423.4*Framing Depth "d," at middle of length. See Sec. 3 (1d) *17.92*Breadth *54.5*Proportions—Depth to Length—Uppermost continuous deck to top of keel *12.89*Port of Registry *Liverpool*Depth *30.0*Do. Long Bridge to top of keel *10.36*

If surveyed while building, afloat, or in dry dock

Draught Moulded *28-3 1/2**Building. Drydock. 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.
<b>FRAMES, Spacing amidships</b> .....	29 ✓		<b>Bracket Floors, Frame</b> .....	7 3 1/2 42 ✓	
" " from 1/2 length amidships to Collision bulkhead.....	27 ✓		" " Reversed Frame .....	6 1/2 3 41 ✓	
" " in peaks.....	24 ✓		" " Vertical Stiffeners <i>one Channel. one B.A.</i> $9+46+3 1/2+3 1/2=54$ ✓	6 1/2 3 41 ✓	
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b> .....	44 52 ✓	
Frame Amidships, Angle, <i>✓</i> or <i>✓</i> .....	10 3 1/2 52 ✓		" " top Angles .....	3 1/2 3 1/2 46 ✓	
" " Extends up to .....	<i>main upper alternately</i> ✓		" " bottom Angles .....	4 4 52 ✓	
Reversed Frame Amidships, Angle .....	✓		<b>Side Girders, No. each side and thickness</b> .....	<i>one</i> 36 ✓	
" " Extends up to .....	✓		<b>Margin Plate depth (excl. of flange) and thickness</b> .....	35 1/2 52 ✓	
Depth of Framing Girder.....	<i>act. 6 3 1/2 36</i> ✓	<i>Main 10 upper ✓</i>	" " Vertical Angle to Tank side	3 1/2 3 1/2 42 ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>✓</i> or <i>✓</i> .....	<i>7 3 1/2 49</i> ✓	<i>" " Ridge. ✓</i>	" " Bracket abaft 1/2 len. from stem .....	6 6 42 ✓	
" " Second 'tween Decks, Angle, <i>✓</i> or <i>✓</i> .....	✓		" " Vertical Angle to Tank side	40 <i>Cent. pl.</i> ✓	
" " Third " " " " .....	11 3 1/2 54 ✓		" " Bracket from forward 1/2 len. from stem to Panting Area .....	40 " ✓	
" " from 1/2 len. for'd. to 15% len. from Stem .....	11 3 1/2 56 ✓	<i>B.A. ✓</i>	" " Gussets, spacing and scantling abaft 1/2 len. from stem .....	68 42 ✓	
" " in Peaks, Angle or <i>✓</i> .....	8 3 1/2 40 ✓		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b> .....	52 50 ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	<i>7/8-62 dia ✓</i>		<b>INNER BOTTOM PLATING.</b>		
State if Frame Joggled .....	<i>Yes ✓</i>		Breadth and thickness of Middle Line Strake .....	42 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....	<i>Yes as approved. ✓</i>		Thickness of remainder in Holds .....	<i>Yes. ✓</i>	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	<i>Yes as approved. ✓</i>		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? .....		
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
Floors, Depth and thickness at mid-line in Holds .....			Uppermost Continuous Deck, amidships in Wells, Angle, <i>✓</i> or <i>✓</i> .....	8 3 1/2 34 ✓	
Height of Brackets at side above base line at toe of Frame .....			" " in way of Bridge, Angle, <i>✓</i> or <i>✓</i> .....	8 3 40 ✓	
Middle Line Keelson, on Floors, Angles, <i>✓</i> or <i>✓</i> .....			Spacing .....	<i>every. ✓</i>	
" " Through Plate or Intercostal Plate .....			Second Deck, amidships, Angle, <i>✓</i> or <i>✓</i> .....	9 3 38 ✓	
" " Foundation Plate on Floors .....			Spacing .....	<i>every. ✓</i>	
" " Flat Plate Keel Angles .....			Third Deck, amidships, Angle, <i>✓</i> or <i>✓</i> .....		
Side Keelsons, No. each side .....			Spacing .....		
" " thickness of Intercostal Plate .....			Fourth Deck, amidships, Angle, <i>✓</i> or <i>✓</i> .....		
" " Angles .....			Spacing .....		
<b>DOUBLE BOTTOM.</b>			Poop Deck, Angle, <i>✓</i> or <i>✓</i> .....	6 3 40 ✓	
Solid Floors, thickness and spacing .....	<i>40 or 44 ✓</i>		Spacing .....	<i>and as approved. every. ✓</i>	
" " Are Frame and Reversed Frame joggled? .....	<i>Yes ✓</i>		Bridge Deck, Angle, <i>✓</i> or <i>✓</i> .....	8 3 35 ✓	
Bracket Floors, breadth and thickness at middle line .....	<i>45+40 ✓</i>		Spacing .....	<i>every. ✓</i>	
" " breadth and thickness at margin plate .....	<i>33+40 ✓</i>		Forecastle Deck, Angle, <i>✓</i> or <i>✓</i> .....	9 3 38 ✓	
			Spacing .....	<i>and as approved. every. ✓</i>	



# 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>	2 in No 1 4 16 Holds ✓		Stringer Plate, breadth and thickness in way of Bridge .....	54	37 ✓
" in 'tween Decks, Size and Spacing.....	1 in No 2 4 5 Holds ✓		Thickness of Plating abreast Deck openings in way of Wells .....	36	✓
" " " " " " " "	8" 16 7 1/2" Tubes		Thickness of Plating abreast Deck openings in way of Bridge .....	33	✓
" " " " " " " "	16" at Ridge front		Thickness of Plating within line of openings...	34	✓
" " " " " " " "	13" 6 23" Tubes		If Sheathed, material and thickness .....	30 at bridge	✓
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....			Stringer Plate, breadth and thickness.....		
Plating, thickness of .....			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 Wells	62	96	If Plated, state thickness .....		
" " " " " in way of Bridge	40	✓	<b>Poop Deck.</b>		
" Angle in Wells .....	6	6 88	Stringer Plate, breadth and thickness .....	36	36 ✓
Thickness of Plating abreast Deck openings in way of Wells .....	65	✓	Plating, Sheathing, material and thickness ...	26 x 3" P.P.	✓
Thickness of Plating abreast Deck openings in way of Bridge .....	36	✓	<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	42	✓	Stringer Plate, breadth and thickness.....	68	50 ✓
If Sheathed, material and thickness .....	✓		Plating, Sheathing, material and thickness ...	52	✓
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	54	40	Stringer Plate, breadth and thickness.....	35	36 ✓
			Plating, Sheathing, material and thickness ...	34	✓

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing or to cr.	
	Inches.	Inches.	Inches.	Inches.					Inches.	Inches.	
FLAT PLATE KEEL .....	51	83	43	43		Double	1 3/8	4-3	1	4 3/8	Lapped
" DBLG. (if any) .....	-		69 forward								
BOTTOM PLATING, No. of Strakes .....	✓	63	48	48		"	7/8 3 2/9	4-3	7/8	3 1/2-3 1/8	"
BILGE PLATING, No. of Strakes .....	✓	63	48	48		"	"	4-3	"	"	"
SIDE PLATING, No. of Strakes .....	✓	63	46	46		"	"	3	"	"	"
UPPER DECK, Sheer-strake in Wells.....	62 1/2	88	46	46	Rule 50 1/2 x 81	"	1 3/8	5	1	4 1/2	Rapped
UPPER DECK, Sheer-strake in Bridge ...		63				"	7/8 3 2/9	3	7/8	3 1/8	"
STRAKE BELOW Sheer-strake in Wells.....	74	45	46	46	Rule 50 1/2 x 78	"	"	4-3	"	3 1/2-3 1/8	"
STRAKE BELOW Sheer-strake in Bridge ...		63				"	"	3	"	3 1/8	"
POOP SIDE PLATING .....	1 Strake			38		Single	" 3 1/2	2	3/4	2 7/8	"
BRIDGE SIDE PLATING .....	1 Strake	60				Double	" 3 2/9	4	7/8	3 1/2	"
FORECASTLE SIDE PLATING .....	2 Strakes	42				Single	3/4 3	1	3/4	2 7/8	"

## 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)									
" Deck next below									
As per Rule									
STIFFENERS.					Plating Thickness.	VERTICAL.		HORIZONTAL.	
						Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					92h. ✓	26-28	Wing 6-3+32	29-32	
" " Second "									
" " Third "									
" " Holds					No 92 ✓	30-47	10-8 1/2 + 53 1/2	29-30	
COLLISION " (in Hold)					167 ✓	31-53	7-3 + 47 1/2	24-25 1/2	W. 4. flat ✓
AFTER PEAK " "					8 ✓	30-75	7-3 + 38-33 1/2	24-18	semi box houses ✓
									Gunnel Recess.

KEEL, Bar	Rollover Steel			
STEM	10-2 7/8 ✓			
STERN FRAME	Propeller Post	upper part. Cast. } as	} Wilton Forge	}
	Rudder	lower part. Forged } approved		
Speed of Vessel	11 Knots			
RUDDER—Type	Semi balanced double fl.			
" A x D	395 ✓			
" Diam. of head	10" ✓			Rule 9 3/4 ✓
" Mainpiece at top pintle	14 x 12 oval above blade			
" " " "	14 x 12 square top of blade			
" " heel	12 x 12 square			
" how constructed	plates & angles as app.			
" double or single plate	50 double			
" coupling, vertical or horizontal	None			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Messrs Calovella Ltd. The Steel Coy of Scotland Messrs South Maclean Ltd.

Has the Steel been tested as required by the Rules?

Yes.

Open Hearth process

Register Foundation



EQUIPMENT No 38240

LETTER a +

ANCHORS.

Number of Certificate.	Anchor.	WEIGHT, EX. STOCK	WEIGHT OF STOCK	TEST, PER CERTIFICATE	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
98640	1st Bower ...	Cwts. qrs. lbs. 65 3 0	Cwts. qrs. lbs.	Tons. cwt. qrs. lbs. 51 4 2 0	68	Halls Improved	Hingley	4.12.39. (Netherland)
98641	2nd " ...	65 2 21		51 4 2 0	68	Stackles	Hingley	4.12.39. (Netherland)
98642	3rd " ...	64 0 4		50 12 2 0	58 1/2	H. W. J.	Hingley	11.12.39. (Netherland)
	Collective weight.	195 2 0			194 1/2		Hingley	
98701	Stream .....	19 1 10	15 0 2	20 4 0 4	19	ordinary H. W. J.	Hingley	30.12.39. (J. A. Relf)

## CHAIN CABLES.

## HAWSERS 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.
	Fathoms. Ins.	Tons. Tons.	Cwts. qrs. lbs. Cwts. qrs. lbs.	Fathoms. Ins.					Fathoms. Ins.	Tons.	Fathoms. Ins.
112329	120 2 1/16	96 1/4 134 1/4	322.2.21	120 2 1/16	Rhd	Hingley	22.2.40. (Netherland)	TOWLINE	120 4 1/4	64.6	120 4 1/4
112330	105 2 1/16	96 1/4 134 1/4	281.2.23	105 2 1/16	Rhd	Hingley	26.2.40. (J. A. Relf)	HAWSERS & WARPS	2-90 2 3/4	15.2	2-90 2 3/4
	225								2-90 2 1/2	13.2	2-90 2 1/2
	90 5	52.8					British Ropes Ltd.				

Steering Gear, Type (Power or hand)

Brown Bros. Steam

Alternative Means of Steering

Hand Gear.

Steering Chains (Size and Test)

Telemotor

Windlass

Clark Chapman (Stn)

Boats

2 - 28.8 x 9 x 3.65  
2 - 24 x 7.9 x 3.2  
Dinghy, 20 x 7 x 2.67

Ceiling in Holds, thickness and material

Under hatches 2 1/2"

Cargo Battens, thickness, material and spacing

Mt. fitted.

Cargo Hatchways. (Upper Deck)

Steel plates &amp; angles.

Thickness of Hatches

2 1/8 solid wood.

Size of Hatchways No. 1 (Fwd.)

22.6 x 17.0

No. 2 33.10 x 17.0

No. 3 14.6 x 17.0

No. 4 36.3 x 17.0

No. 5 21.9 x 17.0

No. 6

Number of Shifting Beams

Nos 1 &amp; 5 hatches - 4 S.B. : No 2 &amp; 4 hatches - 6 S.B. : No 3 hatch - 2 S.B.

Builder's Signature

FOR HARLAND AND WOLFF, LIMITED.

Louis V. Smith

Manager.

## 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 accordance with the approved plans, the Secretary's Letters and in general compliance with the Society's Rules for the class contemplated. All double bottom tanks, fore & after peak tanks and the deep tank have been tested as required by the Rules and found satisfactory. The workmanship and materials are good. The Weather decks, M. Y. Bulkheads, shaft tunnel & escapes have been tested & found good. M. Y. doors tested and the Bulkheads as assigned verified and the marks cut in the vessel's sides. Windlass and steering gear tried under working conditions & found satisfactory.

The amount of Entry Fee ..... £ 10 : 0 : 0

Fees applied for,

(Special notations, where part of class, to be stated.)

Special Survey Fee.... £ 353 : 6 : 6

Received by me,

I am of opinion the Vessel should be Classed + 100. F. I.

Freeboard.

Travelling Expenses, if any £ 14 : 0 : 0

9th Sep 1940

State whether the Vessel has been built under Special Survey

Yes.

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Glasgow

Date of issue

14/3/40

Committee's Minute

GLASGOW 20 AUG 1940

Character assigned

+ 100 A1

8.40

Lloyds A&amp;C

+ Linc 8.40 subject

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Lloyd's Register Foundation

0270 242



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.)

*List of Plans*  
1 Midship Section (as built).  
2 " " (aft).  
3 Profile decks.  
4 Steel frame  
5 Rudder  
6 Stiffening of bottom forward  
7 Shaft tunnel  
8 Pumping  
9 After End framing  
10 Fore End framing  
11 W. Y. Bulkheads aft. & deep tank  
12 W. Y. Bulkheads forward.  
13 Pillars & Girders  
14 Hatch plan  
15 Engine & Boiler Casings  
16 Masts & derrick posts.  
17 Gunnet plate (welded)  
18 Steering gear  
19 Yeller.

*Forging & Casting Rpts*  
Yeller  
Steel frame  
Rudder frame.

PARTICULARS OF ELECTRIC WELDING (if employed)

*Minor items only.*

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

*CRUISER STERN, WIRELESS, WELL DECK, LLOYDS A & C.P. 2 DECKS.*  
*CARGO BATTENS NOT FITTED.*

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	Head & Fin.	Unit	Cert. No.	Date of Test.
1st Bower	39.3.15	NS	1449	2.11.37
2nd "	39.3.20	NS	1448	2.11.37
3rd "	39.1.23	NS	1444	27.10.37

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *38.58* ft., R.Q.D. — ft., Bridge *141.42* ft., Forecastle *45.83* ft.

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

Official No. *166296* Signal Letters — Extreme Breadth over Belting (Circ. 1811) — Over-all Length (Circ. 1703) *438.25*

No. and Material of Decks *2 DKS. STL.*

Parts of Bottom of Vessel coated with cement or approved composition *Cement in double bottoms and peaks.*

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
		Tons.			Tons.
Double bottom, aft,	<i>118.49</i>	<i>246</i>	Fore peak tank,	<i>23.33</i>	<i>107</i>
Double bottom, under Engines and Boilers,	<i>108.75</i>	<i>296</i>	After peak tank,	<i>14.0</i>	<i>56</i>
Double bottom, if under Engines only,	<i>65.25</i>		Deep tank, aft,	<i>31.42</i>	<i>866</i>
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<i>176.75</i>	<i>623</i>	Other tanks, if fitted,		
Total length (if continuous) and Capacity	<i>350.75</i>	<i>1165</i>	(If necessary, furnish further information by sketch.)		
	<i>360.42</i>				

Order for Special Survey No. *6451*

Date. *9.6.39*

Dates of Surveys held while building

*1939 June 5, 23, 26, July 7, 27, Aug. 4, 7, 11, 16, 21, Sept. 13, 19, 27, Oct. 5, 12, 16, 23, 25, 30, Nov. 7, 9, 16, 29, Dec. 6, 26, (1940) Jan. 9, 26, Feb. 16, 17, 20, 27, Mar. 7, 13, 14, 27, 29, Apr. 1, 5, 8, 15, 18, 19, 23, 24, 26, 29, 30, May 1, 3, 7, 9, 10, 14, 15, 16, 22, 23, 28, 30, 31, June 1, 4, 21, 24, July 1, 3, 8, 9, 11, 12, 15, 16, 17, 19, 22, 24, 28, 29, 31, Aug. 1, 3,*

Total No. of Visits *83*