

State if Report is sent on the Machinery of the Vessel Yes

No. 58760

Last Survey *14 August 1937*

**"OPEPE"** (Machinery, aft.)

State Type of Erections *Raised 2nd Deck  
Bridge & Pile*

State if with freeboard }  
as condition of Class }

Built at Bowling.

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

FEET.  
142.29

Launched 8<sup>th</sup> July 1937. Yard No. 342.

**Breadth** (*greatest moulded*) .....

B 23.5.

Builders Scott & Sons

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

5 - - - - -

1st Longitudinal Number ( $1 \times D$ ).....
$$= 1625$$

Managers J. Fisher & Sons Ltd.

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

u/p/ser 0-10.32

Residence *New York*

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

R. P. D. 13-61.

Part of Registry *New*

Do. Long Bridge to top  
of keel

Do. Long Bridge to top  
of keel

*If surveyed while building, afloat, or in dry dock*

**Draught Moulded**

 $11\frac{1}{2}$ 

Billie - direct

	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>	21½				<b>Bracket Floors, Frame .....</b>	✓			
" " from ⅓ length to Collision bulkhead.....}	21½				" " Reversed Frame .....	✓			
" " in peaks.....} Fore. aft.	21½				" " Vertical Struts .....	✓			
<b>SIDE FRAMING.</b>					<b>Centre Girder, depth and thickness amidships</b>	✓			
<b>Frame Amidships, Angle, [ or ] .....</b>	5	3	38	5 x 3 x .25	" " top Angles .....	✓			
" " Extends up to .....	Weather deck				" " bottom Angles .....	✓			
<b>Reversed Frame Amidships, Angle on flange</b>	2½	2½	38	2½ x 2½ x .25	<b>Side Girders, No. each side and thickness .....</b>	✓			
" " Extends up to .....	Straight across				<b>Margin Plate depth (excl. of flange) and thickness .....</b>	✓			
<b>Depth of Framing Girder .....</b>	5				" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem .....	✓			
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or ] .....</b>	✓				" " Vertical Angle to Tank side Bracket forward ¼ len. from stem .....	✓			
" " <b>Second 'tween Decks, Angle, [ or ] .....</b>	✓				" " Gussets, spacing and scantling abaft ¼ len. from stem .....	✓			
" " <b>Third " " " "</b>	✓				" " Gussets, spacing and scantling forward ¼ len. from stem .....	✓			
<b>Framing in Peaks, Angle, [ or ] .....</b>	5	3	38	5 x 3 x .25	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	✓			
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....</b>	¾	5½			<b>INNER BOTTOM PLATING.</b>				
<b>State if Frame Joggled .....</b>	No.				Breadth and thickness of Middle Line Strake ...	✓			
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars }	Steel deck as per app. plan.				Thickness of remainder in Holds .....	✓			
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars .....	Additional keelson 2 strakes shell as inter mediate frames 4x6 x .29 angle ½"				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>				
<b>Floors, Depth and thickness at mid-line in Holds .....</b>	15½	50	28		<b>Uppermost Continuous Deck, amidships in Wells, Angle, [ or ] .....</b>	5	3	31	4½ x 3 x .31
Height of Floors at side above base line at toe of frame .....	19½				" " in way of Bridge, Angle, [ or ] .....	5	3	31	4½ x 3 x .31
<b>Middle Line Keelson, on Floors, Angles, [ or ] .....</b>	8	3	50	6 x 3 x .42	Spacing .....			2½	
" " Through Plate or Intercostal Plate .....	✓				<b>R. O.R.</b>				
" " Foundation Plate on Floors .....	✓				<b>Second Deck, amidships, Angle, [ or ] .....</b>	5	3	36	
" " Flat Plate Keel Angles .....	✓				Spacing .....			2½	
<b>Side Keelsons, No. each side .....</b>	2				<b>Third Deck, amidships, Angle, [ or ] .....</b>	✓			
" " thickness of Intercostal Plate... Inner only	38		28		Spacing .....	✓			
" " Angle .....	6	3	50	6 x 3 x .49 O.A. 4 x 3 x .50 O.A.	<b>Fourth Deck, amidships, Angle, [ or ] .....</b>	✓			
<b>DOUBLE BOTTOM.</b>					Spacing .....	✓			
<b>Solid Floors, thickness and spacing .....</b>	✓				<b>Poop Deck, Angle, [ or ] .....</b>	✓			
" " Are Frame and Reversed Frame joggled ? .....	✓				Spacing .....	✓			
<b>Bracket Floors, breadth and thickness at middle line .....</b>	✓				<b>Bridge Deck, Angle, [ or ] .....</b>	5	3	31	4½ x 3 x .31
" " breadth and thickness at margin plate .....	✓				Spacing .....			43	
					<b>Forecastle Deck, Angle, [ or ] .....</b>	6	3	32	5½ x 3 x .32
					Spacing .....			43	



## 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>	One		✓	Stringer Plate, breadth and thickness in way of Bridge .....	3	3	30
„ 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 .....	✓		
„ in Holds „ „ .....	4		✓	Thickness of Plating within line of openings...	29		✓
„ „ „ „ „ .....	as per plan		✓	If Sheathed, material and thickness .....	✓		
<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	54	39	✓	If Plated, state thickness .....	✓		
„ „ „ „ in way of Bridge	54	39	✓	<b>Poop Deck.</b>			
„ Angle in Wells .....	3 1/2	3 1/2	35	Stringer Plate, breadth and thickness .....	✓		
Thickness of Plating abreast Deck openings in way of Wells .....	✓			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...	26 in bridge		✓	Stringer Plate, breadth and thickness .....	24		
If Sheathed, material and thickness .....	29 for hatch		✓	Plating, Sheathing, material and thickness ..	24 Sheathed		
<b>Raised quarter</b>	Bridge 2 1/2	W.P.	✓	<b>Forecastle Deck.</b>			
<b>Second Deck.</b>	5 x 2 1/2	P.P.	✓	Stringer Plate, breadth and thickness .....	30		
Stringer Plate, breadth and thickness in Wells...	51	30	✓	Plating, Sheathing, material and thickness ..	30		

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	Upper Edges. State if joggled? No.			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.	
Bar												
KEEL PLATE KEEL .....	6	1 1/2	✓									
Garboard.												
" Bble. (if any)		.43	.43	.43	.35 - .31.	Double	3/4	3.07	Two.	3/4	2 5/8	strapped.
BOTTOM PLATING, No. of Strakes .....		.43.	.36.	.38.	.33 - .29.	Do.	3/4	3.07	Do.	3/4	2 5/8	Do
BILGE PLATING, No. of Strakes .....		.55	.29.	.31.	.33. - .29.	Do.	3/4	3.07	Do.	3/4	2 5/8	strapped. lapped at ends
SIDE PLATING, No. of Strakes .....												
UPPER DECK, Sheer-strake in Well .....	57	.40.	.29.	.29.					Three.	3/4	2 5/8	lapped
UPPER DECK, Sheer-strake in Bridge .....	40	.35		.29.					Two.	3/4	2 5/8	Do.
STRAKE BELOW Sheer-strake in Well .....	54	.37.	.29.			Double.	3/4	3.07	Do.	3/4	2 5/8	Do
STRAKE BELOW Sheer-strake in Bridge .....	57	.34.		.30		Do.	3/4	3.07	Do.	3/4	2 5/8	Do
POOP SIDE PLATING .....	✓											
BRIDGE SIDE PLATING .....		.25										
		.35	✓		.24.	Single.	3/4	3.07	Two.	3/4	2 5/8	lapped.
FOREC'TLE SIDE PLATING				.24.		Do.	3/4	3.07	Do.	3/4	2 5/8	Do.

## 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) <u>113</u>						
" Deck next below						
As per Rule <u>3</u>						
		STIFFENERS.				
Plating Thickness.		VERTICAL.		HORIZONTAL.		
		Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKH'D, Upper tween decks						
"	" Second "					
"	" Third "					
"	" Holds <u>Nº 28</u>	<u>.40</u>	<u>B.A. 27</u>			
COLLISION		<u>.33</u>	<u>9/16</u>	<u>29</u>	<u>R.P. Tank Plat</u>	
AFTER PEAK		<u>.38</u>	<u>4 x 3 x 30.2 1/2</u>	<u>24</u>	<u>W.T. Flat &amp; Recess Top.</u>	

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth.*  
*The steel Company of Scotland Ltd. Colvilles Ltd.*

Has the Steel been tested as required by the Rules? yes







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 is a sister vessel to the S.S. "BROOM" G/S. Hpt. N° 54690.  
S.S. "THORN" G/S. Hpt. N° 54691. S.S. "PRIVET" G/S. Hpt. N° 57570.  
S.S. "BAMBOO" G/S. Hpt. N° 57650.

List of plans.

Midship Section.

Profile and decks.

Sternframe and rudder

Strengthening in bottom forward.

Pumping arrangement.

Midship section (as built)

Forging reports.

Sternframe.

Keel & rudder frame.

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

1 D<sup>K</sup>. (stl.) Well deck. Machinery aft. Cargo battens not fitted.  
L.O. 148'1". Breadth over belting 23'9".

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.		Weight (head & pin)	Slack.	Surveyor.	N° of Cert.	Date.
1st Bower	37098.	6.2.7.	2.2.14.	W.H.	6329.	13.2.37.
2nd "	37094.	6.2.21.	2-1-21.	G.V.	6290.	6.2.37.
3rd "						

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 81.12 ft., Bridge 7.16 ft., Forecastle 20.5 ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks 1 D<sup>K</sup>. (stl.) Well deck.

Official No. 160897. Signal Letters. Is bottom of vessel coated with cement ☒ yes. ☐ if not give particulars of composition.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fore peak tank,	30.0	54. <input checked="" type="checkbox"/>
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	After peak tank,	11.25.	35. <input checked="" type="checkbox"/>
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, aft,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, forward,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, forward,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Other tanks, if fitted,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 6345

Date

7.1.37

Dates of Surveys held while building

1937 Feb.: 2.11.15.19.22 Mar.: 1.3.4.10.17.23.26.30 Apr.: 5.9.12.14.19.26  
May: 3.6.10.14.17.18.21.25 June: 1.4 July: 2.8 Aug.: 6.10.14

Total No. of Visits

34

Lloyd's Register Foundation