

"Joseph Philip" (See p 312 nt article)

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office WED. NOV. 25. 1914

State if Report is also sent on the Machinery of the Vessel *Yes.*

Date of completion of report *21-11-14* Port of *Glasgow* No. *34609*
Survey held at *Paisley* Date First Survey *16/14* Last Survey *18/11* 1914
On the *Steel Screw Hopper Barge* *428* Rig *1 Pole Mast.*

TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk. ✓
Total under Upper Dk. ✓
Do. of Poop ✓
Do. of R. Dk. ✓
Do. of Bridge House ✓
Do. of Forecastle ✓
Do. of Houses on Dk. *1-80*
Do. of excess of Hatchways ✓
Do. above Crown of Engine Room *25-31*
Gross Tonnage *623-06*
Less Crew Space *55-13*
Less above Crown of Engine Room *25-31*
TONNAGE FOR FEES... *542-62*
Less Engine Room *247-83*
Less Navigation Spaces *77-28*

CLASS *+100 A.I. BARGE* FEET.
Breadth (greatest moulded) *30-0* ✓
Depth, at middle of length from top of keel to top of upper deck beams at side *15-0* ✓
Transverse Number *45-0* ✓
Length on deck from fore part of stem to after part of stern post *170-0* ✓
Longitudinal Number *7650* ✓
Depth "d," at middle of length (See Secs. 2 & 13) *13-66* ✓
Proportions—Depth to Length—Upper Deck Beam at side to top of keel *11-33* ✓
" " Long Bridge Deck Beam at side to top of keel ✓

Master *Not yet appointed*
Year of appointment (1) As Master in service of owner of present vessel—191 (2) As Master of this vessel—191
Built at *Paisley*
When built *1914* Launched *22 Oct 1914*
By whom built *Heming & Ferguson Ltd.*
Owners *Dundee Harbour Trust*
Managers (Where necessary to be entered in Reg. Book.)
Residence *Dundee*
Port belonging to *Dundee*

Register Tonnage *242-83* as out on Beam... Destined Voyage *Dundee* If Surveyed while Building *Afloat, or in Dry Dock* *Yes.*

LENGTH on Deck as per Rule *170* 0 BREADTH Moulded *30* 0 DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams *14* 3/2 No. of Decks with flat laid *one*
Do. do. do. do. Second Dk. Beams *14* 3/2 No. of Tiers of Beams *one*

Dimensions of Ship per Register, Length *170-0* breadth *30-15* depth *14-25* Moulded depth, ft. *15* ins. *0* To Bridge Dk. Round of Upper Dk. Beam, Actual *7 1/2* ins.

FRAMING.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or <i>E</i> or <i>L</i> Bars amidships		<i>6</i>	<i>3</i>	<i>38</i>	<i>5</i>	<i>3</i>	<i>36</i>
Do. in peaks <i>and in way of W.P. plate</i>		<i>5</i>	<i>3</i>	<i>38</i>	<i>4 1/2</i>	<i>3</i>	<i>34</i>
Do. in way of Double Bottoms at Solid Floors...							
" " at intermdt. Bkts.							
Spacing of Frames from centre to centre amidships		<i>19</i>			<i>19</i>		
" " length to Collision bulkhead		<i>19</i>			<i>19</i>		
" " in peaks.							
REVERSED FRAME, Angles, or <i>on floors</i>		<i>3</i>	<i>3</i>	<i>30</i>	<i>3</i>	<i>3</i>	<i>30</i>
Do. in way of Double Bottoms at Solid Floors...		<i>3</i>	<i>3</i>	<i>30</i>	<i>3</i>	<i>3</i>	<i>30</i>
" " at intermdt. Bkts.							
FRAMING, depth of girder							
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships		<i>16</i>		<i>40</i>	<i>16</i>		<i>34</i>
" in way of Engine and Boiler Spaces		<i>48</i>	<i>7</i>	<i>50</i>	<i>42</i>	<i>7</i>	<i>44</i>
" thickness at the ends of vessel				<i>36</i>			<i>30</i>
" depth at $\frac{1}{2}$ the half breadth, as per Rule							
" height extended at the Bilges <i>Level as per Section Brackets at bilge</i>							
FLOORS & BRACKETS in Cell Dble Bottoms							
" " state if flanged (top & bottom)							
" " Spacing							
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.							
" " Angles, Top							
" " Bottom							
" " to Floors							
SIDE GIRDERS, number on each side & thickness							
" " state if flanged (top and bottom)							
" " Angles (top and bottom)							
" " to Floors							
MARGIN PLATE, depth (exclusive of flange) and thickness							
" " Angles to Outside Plating							
" " Floors							
" " Height of Brackets above at bilge							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							
" " in Engine and Boiler space							
" " Remainder in Holds							
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		<i>5 1/2</i>	<i>3</i>	<i>34</i>	<i>5 1/2</i>	<i>3</i>	<i>34</i>
" " Angles on upper edge							
" " In way of Long Bridge							
" " Spacing							
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
" " Angles on upper edge							
" " Spacing							
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
" " Angles on upper edge							
" " Spacing							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
" " Angles on upper edge							
" " Spacing							
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
" " Angles on upper edge							
" " Spacing							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
" " Angles on upper edge							
" " Spacing							

PILLARS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
PILLARS, In 'tween Deck, size and spacing		<i>3</i>	<i>38</i>	<i>3</i>	<i>38</i>		
" " Hold							
" " Quarter 'tween Dks.							
" " in Hold							
KEELSONS & STRINGERS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plates above floor, Through Plate, or Intercoastal Plate				<i>36</i>			<i>36</i>
" Rider Plate		<i>3 1/2</i>	<i>3 1/2</i>	<i>38</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>38</i>
" Flat Plate Keel Angles		<i>7</i>	<i>3</i>	<i>40</i>	<i>7</i>	<i>3</i>	<i>40</i>
" Horizontal Plates on Floors							
" Angles or Bulb Angles		<i>7</i>	<i>3</i>	<i>40</i>	<i>7</i>	<i>3</i>	<i>40</i>
SIDE KEELSONS, Number		<i>Two</i>					
" Angles or Bulb Angles		<i>7</i>	<i>3</i>	<i>40</i>	<i>7</i>	<i>3</i>	<i>40</i>
" Plate above floors, for full length		<i>7</i>	<i>3</i>		<i>7</i>	<i>3</i>	
" Intercoastal Plate, for full length				<i>32</i>			<i>32</i>
" Attached to outside Plating with Angle		<i>3</i>	<i>3</i>	<i>30</i>	<i>3</i>	<i>3</i>	<i>30</i>
BILGE KEELSON, Angles							
" Intercoastal Plate for length							
" Attached to outside Plating with Angle							
SIDE STRINGERS, Number		<i>One</i>					
" Angle		<i>4 1/2</i>	<i>3</i>	<i>32</i>	<i>4 1/2</i>	<i>3</i>	<i>32</i>
" Intercoastal Plate, for full length				<i>38</i>			<i>38</i>
" Attached to outside plating with Angle		<i>8</i>	<i>3</i>	<i>38</i>	<i>8</i>	<i>3</i>	<i>38</i>
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)		<i>52</i>	<i>8/16</i>		<i>52</i>	<i>8/16</i>	
" " " " br'dth & thickness (in way of Bridge)							
" " " " Angle (clear of Bridge)							
" " Tie Plate at sides of Hatchways							
" Deck * Iron or Steel, for full lng.			<i>5/16</i>			<i>5/16</i>	
" " Thickness (clear of Bridge)							
" " (in way of Bridge)							
Wood Deck, Material & thickness							
WATER-TIGHT FLAT Second Deck Stringer Plate, br'dth & thickness		<i>3 x 3</i>	<i>32</i>		<i>3 x 3</i>	<i>32</i>	
" Angles on ditto, No. <i>one</i>							
" Tie Plates outside Hatchways							
" Deck * Iron or Steel, for full lng.			<i>28</i>			<i>28</i>	
" Wood Deck, Material & thickness							
Third Deck Stringer Plate, br'dth & thickness							
" Angles on ditto, No.							
" Tie Plates, outside Hatchways							
" Deck * Material and thickness							
Fourth and Fifth Deck Stringer Plate, breadth & thickness							
" " Angles on ditto, No.							
" " Tie Plates outside Hatchways							
" " Deck, Material & thickness							
Poop Deck Stringer Plate, breadth & thickness							
" Angle on ditto							
" Tie Plates							
" Deck, Material and thickness							
Bridge Deck Stringer Plate, br'dth & thickness							
" Angle on ditto							
" Tie Plates							
" Deck, Material and thickness							
Forecastle Deck Stringer Plate, br'dth & th'kns							
" Angle on ditto							
" Tie Plates							
" Deck, Material and thickness							

GENERAL REMARKS—(continued).

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 is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 1st (Steel)

Official No. ☒ ; Signal Letters ☒ State if Machinery is fitted aft Yes
How are the surfaces preserved from oxidation? Inside Paint & Bitumastic Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			Aft peak tank,		
Double bottom, if under Engines only,			Dec. tank aft,		
Double bottom, if under Boilers only,			Dec. tank forward,		
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules yes!

Order for Special Survey No. 4826

Date 27.4.14

No. 428 in builder's yard.

DATES of Surveys held while building

1914 June 1. 4. 10. 12. 17. 28. 24. 30 July 2. 6. 14. 23. 29. 31 Aug 7. 25. 27 Sept 1. 3. 10. 17. 22. 29 Oct. 2. 5. 8. 15. 16. 19. 21. 22. 27. 30 Nov. 4. 6. 9. 13. 17. 18.

Total No. of Visits 39

Surveyor's Signature

Harry G. Farnham

Rpt. 4.

Date of writing

No. in S. Reg. Book.

Master

Engines made

Boilers made

Registered

Nom. Horse

ENGINE

Dia. of Cylinders

Is the screw

in the propeller

between the

liners are fitted

Dia. of Tunnel

collars &

No. of Feed

No. of Bilge

No. of Donkey

In Engine Room

One 2"

No. of Bilge In

Are all the bilge

Are all connected

Are they fixed

Are they each fitted

What pipes are

Are all Pipes,

Are the Bilge

Dates of exami

Is the Screw Sh

BOILERS, &

Total Heating

Working Press

Can each boiler

each boiler 2 D

Smallest distance b

Thickness 1 1/2

long. seams TR

Per centages of str

Size of compensatin

Length of plain pa

Working pressure of

Pitch of stays to di

Material of stays

Material S

Diameter at small

Thickness 25

Diameter of tubes 3

Pitch across wide

thickness of girder

Working pressure

separately

holes Pitch o

If stiffened with rings

Working pressure of

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