

With or Without Disconnected Erections.

STEEL STEAMER.

THU. MAY 7 1914

Received at London Office.

NEWCASTLE-ON-TYNE

67/89.

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

Date of completion of report
Survey held at

16th February 1915
Middlesbrough

Port of *Middlesbrough*
Date, First Survey *26th May 1913*

No. *8405*
Last Survey *Feb. 8*

1915

On the (State if Single, Twin, or Triple Screw)

Imperial S.S. ARABIS

Rig *Schooner*

TONNAGE under
Tonnage Deck...

CLASS *X* 100 A1

FEET.

Master *W. C. CANDLISH*

Year of appointment (1) As Master in service of owner of present vessel: 1915
(2) As Master of this vessel: *July 1915*

Do. between Tonnage Dk. and 3rd and 4th Dk.

Breadth (greatest moulded) *47.0*

Built at *Middlesbrough + Newcastle*

Do. of Poop *104.51*

Depth, at middle of length from top of keel to top of upper deck beams at side *27.0*

When built *1914* Launched *12 March 1914*

Do. of Bridge House *64.45*

Transverse Number *74.0*

By whom built *Joint (Messrs Smiths Dock Co. & Swan, Hunter, & Wigham, Richardson & Co.)*

Do. of Forecastle *38.73*

Length on deck from fore part of stem to after part of stern post *350.0*

Owners *The Flamer Motor Ship Co. Ltd.*

Do. of Houses on Dk. *9.77*

Longitudinal Number *25900.0*

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

Do. of excess of Hatchways *42.63*

Depth "d," at middle of length (See Secs. 2 & 13) *16.2*

Residence *London*

Do. above Crown of Engine Room *149.77*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *12.9*

Port belonging to *London*

Do. of excess of Crown of Engine Room *3429.27*

Proportions—Depths to Length—Long Bridge Deck Beam at side to top of keel *✓*

Do. of excess of Crown of Engine Room *1183.18*

Proportions—Depths to Length—Long Bridge Deck Beam at side to top of keel *✓*

Do. of excess of Crown of Engine Room *21.68*

Proportions—Depths to Length—Long Bridge Deck Beam at side to top of keel *✓*

Register Tonnage (as out on Beam) *2364.78*

Destined Voyage *Imperial S.S. Compagny* If Surveyed while Building + Afloat, or in Dry Dock *Yes*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
<i>350</i>	<i>0</i>	<i>0</i>	<i>47</i>	<i>0</i>	<i>0</i>	<i>27</i>	<i>0</i>	<i>0</i>	<i>3</i>	<i>3</i>

Dimensions of Ship per Register, Length *350.0* breadth *47.1* depth *24.6*. Moulded depth, ft. *34* ins. *3* To Bridge Dk. Round of Upper Dk. Beam, Actual) *1* ins.

FRAMING.				PILLARS.			
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or Bars amidships BA.				PILLARS, In 'tween Deck, size and spacing			
Do. in peaks	6 1/2	3 1/2	40	" " Hold	3 3/4	4 1/2	49
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36	" " Quarter 'tween Dks.,	3 3/4	4 1/2	49
" " at intermdt. Bkts.	7 1/2	3 1/2	42	" " in Hold	5 1/2	6 1/2	49
Spacing of Frames from centre to centre amidships	24 1/2		24 1/2	KEELSONS & STRINGERS.			
" " from 1/2 length to Collision bulkhead	24 1/2		24 1/2	CENTRE LINE KEELSON, Vertical Plates above floors, Through Plate, or Intercoastal Plate			
" " in peaks	24		24	" " Rider Plate	Cellulose Dredge		
REVERSED FRAME, Angles.				" " Flat Plate Keel Angles	Bottom Shear		
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36	" " Horizontal Plates on Floors			
" " at intermdt. Bkts.	7	3	40	" " Angles or Bulb Angles			
FRAMING, depth of girder				SIDE KEELSONS, Number			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	3 1/2	3 1/2	36	" " Angles or Bulb Angles			
" " in way of Engine and Boiler Spaces	7 1/2	3 1/2	42	" " Plate above floors, for length			
" " thickness at the ends of vessel	7 1/2	3 1/2	42	" " Intercoastal Plate, for length			
" " depth at 1/2 the half breadth, as per Rule	7 1/2	3 1/2	42	" " Attached to outside Plating with Angle	25		
" " height extended at the Bilges	7 1/2	3 1/2	42	" " Intercoastal Plate, for 1/2 length	40 - 34		
FLOORS in Cell. Double Bottoms				" " Attached to outside Plating with Angle	3 1/2 x 3 1/2 x 46		
state if flanged (top & bottom)	3 1/2	3 1/2	36	SIDE STRINGERS, Number			
Spacing of Solid floors	7 1/2	3 1/2	42	" " Angle	Plate Flange		
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness				" " Intercoastal Plate, for 1/2 length	34 x 40 Flange 32 x 40		
" " Angles, Top	3 1/2	3 1/2	36	" " Attached to outside plating with Angle	3 1/2 x 3 1/2 x 42		
" " Bottom	3 1/2	3 1/2	36	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)			
" " to Floors	3 1/2	3 1/2	36	" " br'dth & thickness (in way of Bridge)	80 x 52		
" " Brackets at intermdt. frmg., wdth & thkns	3 1/2	3 1/2	36	" " Angle (clear of Bridge)	4 1/2 x 4 1/2 x 62		
SIDE GIRDERS, number on each side & thickness				" " Tie Plate at sides of Hatchways	4 1/2 x 4 1/2 x 62		
state if flanged (top and bottom)	3 1/2	3 1/2	36	" " Deck, * Iron or Steel, for 2nd lng.	4 1/2 x 4 1/2 x 62		
" " Angles (top and bottom)	3 1/2	3 1/2	36	" " Thickness (clear of Bridge)	3 1/2 x 3 1/2 x 44		
" " to Floors	3 1/2	3 1/2	36	" " (in way of Bridge)	4 1/2 x 4 1/2 x 62		
MARGIN PLATE, depth (exclusive of flange) and thickness				" " Wood Deck. Material & thickness	8 1/2 x 40		
" " Angles to Outside Plating	4	4	42	" " Second Deck Stringer Plate, br'dth & thickness	8 1/2 x 40		
" " Floors	3 1/2	3 1/2	36	" " Angles on ditto, No.	3 1/2 x 3 1/2 x 44		
" " Brackets at intermdt. frmg., wdth & thkns	3 1/2	3 1/2	36	" " Tie Plates outside Hatchways	3 1/2 x 3 1/2 x 44		
" " Height of Outside Brackets above at bilge	3 1/2	3 1/2	36	" " Deck, * Iron or Steel, for 2nd lng.	3 1/2 x 3 1/2 x 44		
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				" " Wood Deck. Material & thickness	3 1/2 x 3 1/2 x 44		
" " in Engine and Boiler space	4 1/2	4 1/2	42	" " Third Deck Stringer Plate, br'dth & thickness	3 1/2 x 3 1/2 x 44		
" " Remainder in Holds	3 1/2	3 1/2	36	" " Angles on ditto, No.	3 1/2 x 3 1/2 x 44		
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " Tie Plates outside Hatchways	3 1/2 x 3 1/2 x 44		
" " In way of Long Bridge	6 1/2	3	40	" " Deck, * Material and thickness	3 1/2 x 3 1/2 x 44		
" " Spacing	24 1/2		24 1/2	" " Fourth and Fifth Deck Stringer Plate, breadth & thickness	3 1/2 x 3 1/2 x 44		
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " Angles on ditto, No.	3 1/2 x 3 1/2 x 44		
" " In way of Long Bridge	6 1/2	3	40	" " Tie Plates outside Hatchways	3 1/2 x 3 1/2 x 44		
" " Spacing	24 1/2		24 1/2	" " Deck, * Material and thickness	3 1/2 x 3 1/2 x 44		
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " Poop Deck Stringer Plate, breadth & thickness	5 1/2 x 30		
" " In way of Long Bridge	6 1/2	3	40	" " Angle on ditto	3 1/2 x 3 1/2 x 40		
" " Spacing	24 1/2		24 1/2	" " Tie Plates	3 1/2 x 3 1/2 x 40		
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " Deck, Material and thickness	5 x 3 at top		
" " In way of Long Bridge	6 1/2	3	40	" " Bridge Deck Stringer Plate, br'dth & thickness	4 1/2 x 40		
" " Spacing	24 1/2		24 1/2	" " Angle on ditto	3 1/2 x 3 1/2 x 38		
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " Tie Plates	9 x 38		
" " In way of Long Bridge	6 1/2	3	40	" " Deck, Material and thickness	5 x 3 P.P.		
" " Spacing	24 1/2		24 1/2	" " Forecastle Deck Stringer Plate, br'dth & th'kns	4 1/2 x 34		
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" " Angle on ditto	3 1/2 x 3 1/2 x 34		
" " In way of Long Bridge	6 1/2	3	40	" " Tie Plates	2 1/2 x 50		
" " Spacing	24 1/2		24 1/2	" " Deck, Material and thickness	5 x 3 Sheathing		

GENERAL REMARKS—(continued).

Ventilation Cowl; pipe casing in hold etc.
Sails, Curries, Running rigging, derricks, Equipment to be completed.
deck stops on poop deck. for quadrant. other minor deck fittings.
windlass, Steam steering gear. to be tested under steam on completion.
Bridge deck, where ever wood is fitted new steel decks to be tested when completed.

The approved plans 11 in number, Certificate of test for Cast Steel Rudder Frame, Stems, Shaft, Bracket, + Steering gear Overhead, are forwarded herewith.
Plans as built are being prepared by Mess Smith Dock Co and will be forwarded as

No particulars regarding the Registered dimensions, and Tonnages are at present available. The Builder stating that these will be issued on completion of the vessel

L. Dippie

All the above requirements have now been completed
with the Survey completed.
The decks were tested & found satisfactory

M. Suddan

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 65.0 ft., R.Q.D. ft., Bridge 22.5 ft., Forecastle 29.66 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. *The Poop + Bridge are separate erections*

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 should appear in the Register Book) *2nd Steel*

Official No. ; Signal Letters State if Machinery is fitted aft *Yes*
How are the surfaces preserved from oxidation? Inside *Paint in holds, cement in double bottom tank on way of engine only. In other double bottom tank plate edges rough flushed up with cement, all coated with oil* 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.
Machinery Aft, Oil Engines.					
Double bottom, aft, Oil fuel or water ballast	267.5	815 1/2	Fore peak tank, oil fuel	19.5	100
Double bottom, under Engines and Boilers			After peak tank, oil fuel	16.0	45
Double bottom, if under Engines only, oil fuel or water ballast	42.87	55 1/2	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward, Oil fuel tank on deck aft	6.12	
Double bottom, forward, Oil fuel or water ballast			Other tanks, if fitted, Fresh water tanks aft (port & star)	12.25	
Total capacity of double bottom		870	(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. *Lon. Dr. 12.3.13.*
Date *1913*
No. *550 Mess. Smith Dock in builder's yard.*
922 Mess. Smith Dock W.R.O.
Dates of Surveys held while building *1913*
May 26, June 6, 10, 20, 23, 24, 25, 30, July 1, 2, 7, 9, 10, 11, 14, 15, 16, 17, 18, 22, 23, 24, 25, Aug. 1, 6, 11, 13, 14, 15, 18, 27, 29, Sep. 1, 2, 4, 5, 8, 10, 16, 17, 18, 24, 25, Oct. 1, 14, 17, 20, 22, 28, 31, Nov. 3, 4, 10, 14, 17, 18, 19, 21, 26, 28, Dec. 2, 5, 11, 18, 29, Jan. 6, 12, 13, 20, 21, 22, 26, 27, Feb. 2, 2, 4, 5, 6, 9, 12, 13, 16, 17, 24, 25, 26, 27, Mar. 2, 10, 12, 13, 16, 18, 19, 20, 22, 23, 25, 26, 27, 28, 30, 31, Apr. 1, 2, 4, 6, May 1, 5, 25, 26, Feb. 3, 6
5 + 8.
Total No. of Visits *112*

Surveyor's Signature

M. Suddan

L. Dippie

Lloyd's Register Foundation