

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office **FRI SEP 3 1920**

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

Date of completion of report **28th Aug. 1920.**

Port of **Southampton.**

No. **10681.**

Survey held at **Cowes**

Date, First Survey **6th Feb 1919**

Last Survey **Aug. 25th 1920**

1920

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

"BILTON"

Rig **Schooner.**

TONNAGE under

CLASS **+ 100 A-1**

FEET.

Master **W. Downes**

Year of appointment (1) As Master in service of owner of present vessel: **1919**
(2) As Master of this vessel: **1920**

Do. between Tonnage Dk. and 3rd and 4th Dk. **504.65**

Breadth (greatest moulded) **29.25**

Do. of Poop **107.84**

Depth, at middle of length from top of keel to top of upper deck beams at side **13.56**

Do. of Bridge House **19.06**

Transverse Number **42.81**

Do. of Forecastle **22.29**

Length on deck from fore part of stem to after part of stern post **180.0**

Do. of Houses on Dk. **17.68**

Longitudinal Number **77058**

Excess of Hatchways **45.00**

Depth "d," at middle of length (See Secs. 2 & 13) **10.98**

Do. Crown of the Room **29.11**

Proportions—Depths to Length—Upper Deck Beam at side to top of keel **13.27**

Tonnage **745.63**

Do. Space **35.73**

Do. Crown of the Room **29.11**

Do. for Fees **680.79**

Engine Room

Navigation Spaces

Do. Tonnage on Beam **374.57**

Destined Voyage **Coasting.**

If Surveyed while Building, Afloat, or in Dry Dock **Yes.**

Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
180	0	29	3	11	5	13	6	one	one

Moulded depth, ft. **13** ins. **6 1/2** To Bridge Dk. Round of Upper Dk. Beam, Actual **7 1/2** ins.

FRAMING.						PILLARS.					
Inches in Ship.						Inches in Ship.					
Main Deck						Pillars in 'tween Deck, size and spacing					
Angles, or Bars amidships						Hold					
in peaks						Double 7 x 3 1/2 x 3 1/2 channels					
Bulb Angle Quarter Deck						in Hold					
in way of Double Bottoms at Solid Floors						Centre Line Keelson, Vertical Plate above					
at intermdt. Bkts.						Floor, Through Plate, or Intercoastal Plate					
OUTSIDE D-BOTTOM S.A.						Rider Plate					
of Frames from centre to centre amidships						Flat Plate Keel Angles					
from 1/2 length to Collision bulkhead						Horizontal Plates on Floors					
in peaks						Angles or Bulb Angles					
RESID FRAME, Angles						SIDE KEELSONS, Number one					
in way of Double Bottoms at Solid Floors						Angles or Bulb Angles					
at intermdt. Bkts.						Plate above floors, for length					
ING, depth of girder						Intercoastal Plate, for full length					
RS, depth and thickness of Floor Plate						Attached to outside Plating with Angle					
at mid-line for 1/2 length amidships						BILGE KEELSON, Angles					
in way of Engine and Boiler Spaces						Intercoastal Plate for length					
thickness at the ends of vessel						Attached to outside Plating with Angle					
depth at 1/2 the half breadth, as per Rule						SIDE STRINGERS, Number					
height extended at the Bilges						Angle					
IS in Cell. Double Bottoms						Intercoastal Plate, for length					
state if flanged (top & bottom)						Attached to outside plating with Angle					
Spacing of Solid floors						Upper Deck Stringer Plate, br'dth & thickness					
EGIRDER, in Dbl. bottom, dpth. & thknss.						(clear of Bridge)					
Angles, Top						br'dth & thickness					
Bottom						(in way of Bridge)					
to Floors						Angle (clear of Bridge)					
Brackets at intermdt. frmg., wdth & thknss						Tie Plate at sides of Hatchways					
ORDERS, number on each side & thickness						Deck * Steel, for full lng.					
state if flanged (top and bottom)						Thickness (clear of Bridge)					
Angles (top and bottom)						(in way of Bridge)					
to Floors						Wood Deck, Material & thickness					
PLATE, depth (exclusive of flange)						Second Deck Stringer Plate, br'dth & thickness					
and thickness						Angles on ditto, No.					
Angle to Outside Plating						Tie Plates outside Hatchways					
Floors						Deck * Steel, for full lng.					
Brackets at intermdt. frmg., wdth & thknss						Wood Deck, Material & thickness					
Height of Outside Brackets above at bilge						Third Deck Stringer Plate, br'dth & thickness					
BOTTOM PLATING, breadth and thickness of Middle Line Strake						Angles on ditto, No.					
in Engine and Boiler space						Tie Plates, outside Hatchways					
Remainder in Holds						Deck * Material and thickness					
MAIN, Upper Deck, Single Angle, Bulb						Fourth and Fifth Deck Stringer Plate, breadth & thickness					
Angle, Plate, Tee Bulb, or Channel						Angles on ditto, No.					
In way of Long Bridge						Tie Plates outside Hatchways					
Spacing						Deck, Material & thickness					
QUARTER, Second Deck, Single Angle, Bulb						Poop Deck Stringer Plate, breadth & thickness					
Angle, Plate, Tee Bulb, or Channel						Angle on ditto					
Spacing						Tie Plates					
BEAMS, Third and Fourth Deck, Single Angle						Deck, Material and thickness					
Bulb Angle, Plate, Tee Bulb, or Channel						Bridge Deck Stringer Plate, br'dth & thickness					
Angles on upper edge						Angle on ditto					
Spacing						Tie Plates					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate						Deck, Material and thickness					
Tee Bulb, or Channel						Forecastle Deck Stringer Plate, br'dth & th'kns					
Angles on upper edge						Angle on ditto					
Spacing						Tie Plates					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate						Deck, Material and thickness					
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											

GENERAL REMARKS—(continued).

Scantlings of Bulkheads.							
on frame N ^o	Thickness	frame	Trans. stiff	Vert. stiff	Spacing	Beam	To Deck
4	40 - 26	Single	Semi. box beam	7 x 3 x 40 B.A.	30"	Single	upper BK.
29	40 - 26	"	"	6 x 3 x 36 B.A.	30"	"	"
87	36 - 26	"	Peak Tank Top	7 1/2 x 3 x 42 B.A.	24"	"	"

John. A. Lowson.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 110.5 ft., Bridge 11.12 ft., Forecastle 24.12 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 should appear in the Register Book) one deck (steel)

Official No. 144936 ; Signal Letters

State if Machinery is fitted aft Yes.

How are the surfaces preserved from oxidation? Inside Paint, cement & bitumen solution. Outside Paint.

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	60' 6"	99 1/2	Fore peak tank,	19' 4"	37 1/2
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	✓	✓
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	49' 6"	66	Other tanks, if fitted,	✓	✓
Total capacity of double bottom		165 1/2	(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. 2

Date 26th Jan 1920.

No. 1545 in builder's yard.

DATES of Surveys held while building

1919. Oct. 14, 31, Nov. 7, 18, Dec. 12; 1920. Jan 9, 22, Feb. 23, March 12, 16, 26, 30, Apr. 9, 14, 17, 29, May 7, 11, 12, 15, 19, 26, 31, June 1, 3, 9, 10, 24, July 14, 26, Aug. 16, 20, 25.

Total No. of Visits 34

Surveyor's Signature

John. A. Lowson.

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