

# Awning or Shelter Deck,

# STEEL STEAMER.

No. 8359

Port of *Belfast*.

Date of completion of Report *30<sup>th</sup> June 1920*

Received at London Office

WED. JUL. 7 1920

Survey held at *Belfast*.

Date, First Survey *15<sup>th</sup> August 1919*

Last Survey *30<sup>th</sup> June 1920*

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

*Single Screw Steamer "NEW COLUMBIA"*

Rig *fore & aft schooner*

TONNAGE under

CLASS *100 A1 Shelter Deck*

FEET.

Master *J. R. Lunnor*

Do. between Tonnage Dk. and

Breadth (greatest moulded)

*55.46*

Year of Appointment

(1) As Master in service of  
(2) As Master of this vessel

3rd, 4th, or Awning Dk.

Depth, at middle of length from top of keel to top of

*38.04*

Built at *Belfast*

Total under Upper Dk.

*6221.65*

beams at side of uppermost Continuous Deck

*93.50*

When built *1920-6mo* Launched *25<sup>th</sup> March 1920*

Do. of Poop

Deduct height of tween deck when this does not exceed 8ft.

*8.00*

By whom built *Harland & Wolff Ltd.*

Do. of Forecastle

Transverse Number

*85.50*

Owners *Aprian Steam Ship Co.*

Do. of Houses on Deck

Length on deck from fore part of stem to after part of

*411.5*

Managers *Elder Dempster & Co. Ltd.*

Do. of excess of Hatchways

Longitudinal Number

*35182*

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

Do. above Crown of

Depth "d" at middle of length. See Secs. 2 & 13.

*25.08*

Residence

Engine Room

Proportions, Depths to Length, Uppermost Continuous

*10.80*

Port belonging to *London*

Gross Tonnage

Deck at side to top of keel

*10.80*

Less Crew Space

" " " Upper Deck at side

*25.08*

Less above Crown of

" " " to top of keel

*25.08*

Engine Room

Destined Voyage

*4043.91*

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

Less Navigation Spaces

Register Tonnage

*4043.91*

as cut on Beam

Length on Deck as per Rule

*411*

Breadth Moulded

Dimensions of Ship per Register,

Length *412.6* breadth *55.8* depth *38.04*

Depth, Actual

Top of Floors to top of Shelter Dk. Beams

Length *412.6* breadth *55.8* depth *38.04*

Moulded depth, ft. *38* ins. *0 1/2*

To Awning or Shelter Dk.

No. of Decks with flat laid

Upper Deck

Moulded depth, ft. *28* ins. *7 1/2*

To Upper Dk.

No. of Tiers of Beams

FRAMING.

Inches in Ship

Inches in Ship

Inches in Ship

FRAME, Angles, *E or L* Bars, amidships

*9* *4* *48* *9* *4* *48*

*9* *4* *48* *9* *4* *48*

*9* *4* *48* *9* *4* *48*

Do. in peaks

*9* *4* *48* *9* *4* *48*

*9* *4* *48* *9* *4* *48*

*9* *4* *48* *9* *4* *48*

Do. in way of Double Bottoms at Solid Floors

*3 1/2* *3 1/2* *42* *3 1/2* *3 1/2* *42*

*3 1/2* *3 1/2* *42* *3 1/2* *3 1/2* *42*

*3 1/2* *3 1/2* *42* *3 1/2* *3 1/2* *42*

" " " at intermdt. Dkts.

*35* *35*

*35* *35*

*35* *35*

Spacing of Frames from centre to centre amidships

*3 1/2* *28* *24 1/2* *3 1/2* *28* *24 1/2*

*3 1/2* *28* *24 1/2* *3 1/2* *28* *24 1/2*

*3 1/2* *28* *24 1/2* *3 1/2* *28* *24 1/2*

" length to collision bulkhead

*24 1/2* *24 1/2*

*24 1/2* *24 1/2*

*24 1/2* *24 1/2*

" of Frames from centre to centre in peaks

*9* *4* *48* *9* *4* *48*

*9* *4* *48* *9* *4* *48*

*9* *4* *48* *9* *4* *48*

REVERSED FRAME, Angles

*3 1/2* *3 1/2* *42* *3 1/2* *3 1/2* *42*

*3 1/2* *3 1/2* *42* *3 1/2* *3 1/2* *42*

*3 1/2* *3 1/2* *42* *3 1/2* *3 1/2* *42*

Do. in way of Double bottoms at Solid Floors

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

" " " at intermdt. Dkts.

*35* *35*

*35* *35*

*35* *35*

FRAMING, depth of girder

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

FLOORS, depth and thickness of Floor Plate

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

at mid-line for 1/2 length amidships

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

in way of Engine and Boiler spaces

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

thickness at the ends of vessel

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

depth at 1/2 the half-bdth. as per Rule

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

height extended at the Bilges

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

FLOORS, in Cell Double Bottoms

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

state if flanged (top and bottom)

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

spacing of Solid

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

" Angles, Top

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

" Bottom

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

" to Floors

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

Brackets at intermdt. fring. width & thknss

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

SIDE GIRDERS, number and thickness

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

state if flanged (top & bottom)

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

Angles

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

MARGIN PLATE, depth (exclusive of flange)

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

and thickness

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

Angles to outside plating

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

to floors

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

Brackets at intermdt. fring. width & thknss

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

Height of Brackets above at bilge

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

INNER BOTTOM PLATING, breadth and

*14 1/2* *14 1/2*

*14 1/2* *14 1/2*

*14 1*



Form No. 12. WEB FRAMES. FORGINGS or CASTINGS. BULKHEADS. COLLISION PARTITION. LONGITUDINAL. PLATING. STRAKES. RIVETING. BUTTS. SHEET PILING. THICKNESS OF STRIKE. CLEAR OF LONG BRIDGE. DO. OF STRAKE BELOW. DELEG. of Flat Plate Keel. SHEERSTRAKES. POOP SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES. FRAMES extend in one length from Middle Line to Margin & thence to Gunwale. REVERSED FRAMES on floors and frames extend from Middle Line to Margin & thence to Upper Deck. MASTS, SPARS, &c. LOWER MASTS. BOWSPRIT. TOPMASTS, YARDS and Remainder of SPARS. RIGGING. Material and Size, Shrouds. SAILS. none.

new Columbia 8359 EQUIPMENT No. 38100 LETTER a+ ANCHORS. Number of Certificate. 25402. 25399. 25403. 82535. 82217. Particulars of Drop Test of Cast Steel Anchors. CHAIN CABLES. HAWSERS AND WARPS. Boats. Pumps. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks. The foregoing is a correct description. Builder's Signature. Correspondence. M. 19/18, 19/1/18, 15/2/18, 24/4/18, 29/10/18, 26/1/19, 5/4/19, 13/8/19. Workmanship. Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? to plate, &c., conform well to each other? Are the butts of Plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks. A word deck has been fitted in the three forward holds and the after main hold to meet the requirements of the Owners trade. The lower bunkers and double bottom have been arranged for the carriage of fuel oil and were tested as required by the Rules and found good. and the vessel is fitted for burning oil fuel. Spar Ceiling has been omitted from the shelter tween decks. Six casting reports are enclosed herewith. The Midship Section showing this vessel as built is at present in the London Office having been forwarded with the F.E. Report 8218 on the S.S. NEW TEXAS. Approved plans eight in number are enclosed herewith. S.S. NEW BROOKLYN No. 566 F.E. Report 8310. The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built. The amount of Entry Fee. Special Survey Fee. Travelling Expenses, if any. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class with patron. Committee's Minute. Character assigned. 100 A1. Shelter dk with fbd. Lloyd's A.C.P. + L.M.C 6.20. Cargo batten not fitted in shelter tween dks. Fitted for oil fuel 6.20, 7.P. above 150° F. Lloyd's Register Foundation.



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop \_\_\_\_\_ ft., R.Q.D. \_\_\_\_\_ ft., Bridge \_\_\_\_\_ ft., Forecastle <sup>on Shelter Deck</sup> 40 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 should appear in the Register Book) 1 Dk (Stl) & Shelter Dk (Stl), 2<sup>nd</sup> Dk (Stl) in 3 Forward Hold & after main hold, 6 Bds to Shelter Dk, 2 to Upper Dk

Official No. 144601; Signal Letters \_\_\_\_\_

State if Machinery is fitted aft no

How are the surfaces preserved from oxidation? Inside Paint & Portland Cement & Bitumastic 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,	120	511	Fore peak tank,		91
Double bottom, under Engines and Boilers,	41	213	After peak tank,		126
Double bottom, if under Engines only,			Deep tank, aft,	23.2	858
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	182	847	Other tanks, if fitted,		
Total capacity of double bottom		1571	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks. 30 3

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

Order for Special Survey No. 643

Date 18.4.18

No. 567 in builder's yard.

Dates of Surveys held while building

From 15<sup>th</sup> August 1919 to 30<sup>th</sup> June 1920.

Surveyor's Signature

S. O. Kendall

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Total No. of Visits 43

Lloyd's Register Foundation