

Awning or Shelter Deck,
or Pt. Awning Deck.

STEEL STEAMER.

No. 8797

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

Port of *Belfast*

Date of completion of Report *20th Sept. 1922*

Received at London Office

THU. SEP. 21 1922

Survey held at *Belfast*

Date, First Survey *12th Sept. 1920*

Last Survey *12th Sept. 1922*

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

"CITY OF NAGPUR"

Rig *2 mast. ho. sail*

TONNAGE under Tonnage Deck *6859.38*

CLASS *100A1 SHELTER DK*

FEET.

Master *Sir James Roe*

Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. *2075.66*

Breadth (greatest moulded) *59.0*

Year of Appointment *(1) As Master in service of owner of present vessel: 191 (2) As Master of this vessel: 191*

Total under Upper Dk. *8935.04*

Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck *42.75*

Do. of Poop

Beduct height of 'tween deck when this does not exceed 8ft. *8.0*

Built at *Belfast*

Do. of R. Or. Dk.

Transverse Number *93.75*

When built *1922* Launched *30th May 1922*

Do. of Bridge Houses *653.49*

Length on deck from fore part of stem to after part of sternpost *469.83*

By whom built *Workman Clark & Co.*

Do. of Forecastle

Longitudinal Number *44046*

Owners *Ellerman Line Ltd*

Do. of Houses on Deck *533.68*

Depth "d" at middle of length. See Secs. 2 & 13. *19.75*

Managers *W.S. Workman*

Do. of excess of Hatchways *11.75*

Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel *10.95*

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

Do. above Crown of Engine Room *10138.46*

Upper Deck at side to top of keel *13.7*

Residence

Less Crew Space *412.14*

Destined Voyage *Glasgow to Coal*

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

Less above Crown of Engine Room *10138.46*

TONNAGE FOR FEES *10138.46*

Less Engine Room *3244.31*

Less Navigation Spaces *193.10*

Net Tonnage *6288.91*

LENGTH on k as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL—Top of Floors to top of Awn. or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid
<i>469</i>	<i>10</i>		<i>59</i>	<i>0</i>		<i>40</i>	<i>31</i>	<i>6 1/4</i>	<i>3</i>

Dimensions of Ship per Register,	<i>40.0</i>	Awn. or Shelter Dk.	Moulded depth, <i>ft. 34</i> ins. <i>2 1/2</i>	To Awning or Shelter Dk.	Round up of Uppermost Dk. Beam, Actual <i>144</i> ins.
Length <i>469.9</i>	breadth <i>59.35</i>	depth <i>31.5</i>	Upper Deck.	Moulded depth, <i>ft. 42</i> ins. <i>8 1/2</i>	To Upper Dk.

FRAMING.						PILLARS.			
NAME, Angles, or E or L Bars, amidships	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	PILLARS, In 'tween Deck, size and spacing	Inches in Ship.	Inches Spacing in Ship.	Inches per Rule Or as Approved.
o. in peaks	<i>8</i>	<i>3 1/2</i>	<i>50</i>	<i>8</i>	<i>3 1/2</i>	" " Hold	<i>2</i>	<i>Rows of wide</i>	
o. in way of Double Bottoms at Solid Floors	<i>7 1/2</i>	<i>3 1/2</i>	<i>42</i>	<i>7</i>	<i>3 1/2</i>	" Quarter, 'tween Dks.,		<i>Spaced Strong Pillars</i>	
Revised Frames in Plate	<i>4 1/2</i>	<i>3 1/2</i>	<i>48</i>	<i>4</i>	<i>3 1/2</i>	" " in Hold		<i>4 ft. as per approved plan</i>	
being of Frames from centre to centre amidships	<i>3 1/2</i>	<i>3 1/2</i>	<i>47</i>	<i>3</i>	<i>3 1/2</i>				
" length to collision bulkhead	<i>36</i>		<i>36</i>			KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.
" of Frames from centre to centre in peaks	<i>27</i>		<i>27</i>			CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
VERSED FRAME, Angles	<i>9</i>	<i>3 1/2</i>	<i>56</i>	<i>8 1/2</i>	<i>3 1/2</i>	" Rider Plate			
o. in way of Double bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>48</i>	<i>3 1/2</i>	<i>3 1/2</i>	" Flat Keel Plate Angles			
" " at intermdt. Bkts.	<i>12 1/2</i>		<i>12 1/2</i>			" Horizontal Plates on Floors			
AMING, depth of girder						" Angles or Bulb Angles			
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						SIDE KEELSONS, Number			
" in way of Engine and Boiler spaces						" Angles or Bulb Angles			
" thickness at the ends of vessel						" Plate above floors, for length			
" depth at 1/2 the half-bdth. as per Rule						" Intercoastal Plate, for length			
" height extended at the Bilges						" Attached to outside plating with Angle			
DOORS, in Cell Double Bottoms	<i>44</i>		<i>44</i>			BILGE KEELSON, Angles			
" state if flanged (top and bottom)	<i>Bar fitted</i>		<i>Bar fitted</i>			" Intercoastal Plate, for length			
" spacing of Solid	<i>36</i>		<i>36</i>			" Attached to outside plating with Angle			
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss	<i>47</i>	<i>58</i>	<i>47</i>	<i>58</i>		SIDE STRINGERS, Number			
" " Angles, Top	<i>3 1/2</i>	<i>3 1/2</i>	<i>54</i>	<i>3 1/2</i>	<i>3 1/2</i>	" " Angle			
" " " Bottom	<i>5</i>	<i>5</i>	<i>62</i>	<i>5</i>	<i>5</i>	" " Intercoastal Plate, for lng.			
" " " to Floors	<i>6</i>	<i>6</i>	<i>50</i>	<i>6</i>	<i>6</i>	" Attached to outside plating with Angle			
" Brackets at intermdt. frmg. width & thcknss						Awning or Shelter Deck Stringer Plates, breadth and thickness	<i>73</i>	<i>60</i>	<i>72</i>
DE GIRDERS, number and thickness (2)	<i>42</i>		<i>42</i>			" Angle on ditto	<i>5 x 5</i>	<i>66</i>	<i>5 x 5</i>
" state if flanged (top & bottom)	<i>Bar fitted</i>		<i>Bar fitted</i>			" Tie Plates, fore and aft, outside Hatchways			
Angles	<i>3 1/2</i>	<i>3 1/2</i>	<i>46</i>	<i>3 1/2</i>	<i>3 1/2</i>	" Deck * Iron or Steel, for <i>Steel</i> lng.		<i>50</i>	<i>50</i>
RGIN PLATE, depth (exclusive of flange) and thickness	<i>39</i>	<i>56</i>	<i>39</i>	<i>56</i>		" Wood Deck. Material & thickness	<i>3" P.P.</i>	<i>50</i>	<i>3" P.P.</i>
" Angles to outside plating	<i>4</i>	<i>4</i>	<i>52</i>	<i>4</i>	<i>4</i>	Upper Deck Stringer Plate, breadth and thickness	<i>72</i>	<i>50</i>	<i>72</i>
" " to floors	<i>6</i>	<i>6</i>	<i>50</i>	<i>6</i>	<i>6</i>	" Angles on ditto, No.	<i>4 x 4</i>	<i>50</i>	<i>4 x 4</i>
" Brackets at intermdt. frmg. width & thcknss						" Tie Plates, outside Hatchways	<i>3 1/2 x 3</i>	<i>52</i>	<i>3 x 3</i>
" Height of Brackets above at bilge	<i>34</i>		<i>34</i>			" Deck * Iron or Steel, for <i>Steel</i> lng.		<i>42</i>	<i>42</i>
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>47</i>	<i>54</i>	<i>47</i>	<i>54</i>		" Wood Deck. Material & thickness	<i>2 1/2 P.P.</i>	<i>stept. in Bowkms</i>	
" " thickness in Engine and Boiler space	<i>E. 54</i>	<i>B. 68</i>	<i>E. 54</i>	<i>B. 58</i>		Second Deck Stringer Plates, br'dth & thckn's	<i>73</i>	<i>44</i>	<i>72</i>
" " Remainder in Holds	<i>50</i>		<i>50</i>			" Angles on ditto, No.	<i>4 x 4</i>	<i>50</i>	<i>4 x 4</i>
AMS, Awng or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>8 x 3 1/2 x 3 1/2</i>	<i>52.5</i>	<i>8 x 3 1/2 x 3 1/2</i>	<i>52.5</i>		" Tie Plates, outside Hatchways	<i>3 1/2 x 3</i>	<i>52</i>	<i>3 x 3</i>
Spacing	<i>36</i>		<i>36</i>			" Deck * Material and thickness <i>Steel</i>		<i>34</i>	<i>34</i>
AMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>8 x 3 1/2 x 3 1/2</i>	<i>52.5</i>	<i>8 x 3 1/2 x 3 1/2</i>	<i>52.5</i>		Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness			
Spacing	<i>36</i>		<i>36</i>			" Angles on ditto, No.			
AMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>10 x 3 1/2 x 3 1/2</i>	<i>50</i>	<i>10 x 3 1/2 x 3 1/2</i>	<i>50</i>		" Tie Plates, outside Hatchways			
Angles on upper edge						" Deck. Material and thickness			
Spacing	<i>36</i>		<i>36</i>			Poop Deck Stringer Plate, breadth & thickness			
AMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Angles on ditto			
" Angles on upper edge						" Tie Plates			
Spacing						" Deck. Material and thickness			
AMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						Bridge Deck Stringer Plate, br'dth & thickness			
" Angles on upper edge						" Angle on ditto			
Spacing						" Tie Plates			
AMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Deck. Material and thickness			
" Angles on upper edge						Forecastle Deck Stringer Plate, br'dth & th'kns			
Spacing						" Angle on ditto			
						" Tie Plates			
						" Deck. Material and thickness			

WEB FRAMES. WEB-FRAMES, In Fore Body, No. and spacing. No. of Side Stringers. WEB-FRAMES, In E. & B. Space, No. and spacing. WEB-FRAMES, In After Body, No. and spacing. No. of Side Stringers. BRACKET PLATES to Stringers between Web Frames, depth and thickness. BULKHEADS. W.T. BULKHEADS. COLLISION. PARTITION. LONGITUDINAL. PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. RIVETING. BUTTS. STRAPS. IF LAPPED. Avning or Shelter Deck. Stringer Plate. Upper Deck. Stringer Plate. FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails.

EQUIPMENT No. 48970 LETTER C7 ANCHORS. Number of Certificate. Anchors. WEIGHT, EX. STOCK. TEST, PER CERTIFICATE. Description of Anchor. Makers. Where and when tested and Superintendent. PARTICULARS OF DROP TEST OF Cast Steel Anchors, viz.: Weight, Surveyor's Initials, Number of Certificate, Date of Test. CHAIN CABLES. Number of Certificate. Length and Size supplied. TEST, PER CERTIFICATE. WEIGHT OF CHAIN CABLE. FATHOMS AND SIZE PER TABLE 31. Description. Makers of Cables. Where and when tested, and Superintendent. Material. Length and Size supplied. HAWERS AND WARPS. Number of Certificate. Length and Size supplied. TEST, PER CERTIFICATE. WEIGHT OF CHAIN CABLE. FATHOMS AND SIZE PER TABLE 31. Description. Makers of Cables. Where and when tested, and Superintendent. Material. Length and Size supplied. Boats. Steering Gear, Steam. Steering Gear, Hand. Windlass is. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Hatchways. State size No. 1 Hatch (Forward). No. 2 Hatch. No. 3 Hatch. No. 4 Hatch. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. Bulwarks, height above deck and description. The foregoing is a correct description. Builder's Signature (there only). Correspondence. Workmanship. Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? 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. This vessel has been built in accordance with the approved plan, the Secretary's letter of the above date and in conformity with the Rules for the class contemplated. The Bulkheads have been line tested. The oil fuel double bottom tanks have been tested as required by the Rules. Caps require to be fitted to the top of about sounding pipes to oil fuel tanks in S.B. Space. These sounding pipes are fitted with Self Closing Cocks. The vessel is at present in Glasgow Harbour and the Surveyors have been advised. 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. Committee's Minute. Character assigned. TUE. OCT. 3 1922. Lloyd's Register of Shipping.

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) 2 oth. stl 1 wood sheathed + Shelter oth. stl wood sheathed pt. Cem.

Official No. 146310; Signal Letters

State if Machinery is fitted aft Fitted Amidships

How are the surfaces preserved from oxidation? Inside Portland Cement in Paints, keels & ribs coated with 17% Portland Cement, 83% kerosene oil Outside Paint

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

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Feet.	Tons.	Feet.	Tons.	Feet.	Tons.
Double bottom, aft (<u>if oil fuel 400</u>) <u>Salt water</u>	153	462	Fore peak tank,	<u>Fresh water</u>	90
Double bottom, under Engines and Boilers, <u>Fresh water</u>	72	355	After peak tank,	<u>Fresh water</u>	120
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward, <u>Salt water</u> <u>Upper</u>	39	610
Double bottom, forward (<u>if oil fuel 485</u>) <u>Salt water</u>	174	555	Other tanks, if fitted,	<u>Lower</u>	400
Total capacity of double bottom	1372		(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 399

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

Order for Special Survey No. 708

Date 20 March 1920

No. 404 in builder's yard.

DATES of Surveys held while building

1920 Sept. 22, 28, Oct. 4, 26, 29 Nov. 2, 9, 17, 18, 23, 25, 29 Dec. 6, 10, 14, 17, 22, 1921 Jan. 4, 6, 10, 12, 14, 18, 21, 26, 28 Feb. 1, 8, 10, 15, Feb. 20, 24, 28, March 2, 4, 9, 11, 15, 18, 23, 25, 31 April 5, 7, 12, 14, 18, 19, 20, 23, 28 May 2, 4, 10, 12, 18, 20, 27, 30 June 6, 8, 13, 14, 20, 28 July 1, 6, 8, 10, 25, 28, 29 Aug. 19, 24, 31, Sept. 7, 8, 13, 19, 21, 28, 29 Oct. 3, 4, 10, 15, 17, 18, 19, 20, 25, 27, 28, Nov. 1, 2, 8, 9, 10, 11, 15, 17, 22, 23, 25, Dec. 1, 4, 6, 8, 14, 20, 1922 Jan. 5, 12, 14, 24, 28, Feb. 2, 4, 27, 28, Mar. 3, 5, 21, 26, April 4, 7, 10, 11, 24, 25, 27, 28 May 1, 3, 8, 12 May 18, 19, 22, 23, 26, 30 June 1, 2, 3, 15, 20, 27, July 1, 3, 4, 7, 19, 21, 26, 28, 31 Aug. 1, 4, 10, 14, 16, 17, 23 Aug. 25, 29, 30, 31, Sept. 4, 5, 6, 7, 8, 9, 11, 12

Total No. of Visits 183

Surveyor's Signature

J. M. Shuman

Lloyd's Register Foundation