

Shelter Deck, STEEL STEAMER.

No. 33278

or ~~Awning Deck~~

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

Port of *Hull* Date of completion of Report *7-3-22* Received at London Office
 Survey held at *Hull* Date, First Survey *21-3-18* Last Survey *2-3-1922*
 On the (State if Single, Twin or Triple Screw) *S.S. "Iekoa"* Rig *Schooner*

TONNAGE under Tonnage Deck... *6185.43*
 Do. between Tonnage Dk. and 2nd, 4th, or 6th Dk. *1498.25*
 Total under Upper Dk. *✓*
 Do. of Poop *✓*
 Do. of R. or Dk. Chart House *4.79*
 Do. of Bridge House *35.68*
 Do. of Forecastle *26.24*
 Do. of Houses on Deck *276.89*
 Do. of excess of Hatchways *1.10*
 Do. above Crown of Engine Room *✓*
 Gross Tonnage *8525.66*
 Less Crew Space *305.29*
 Less above Crown of Engine Room *✓*
 Tonnage for Fees... *✓*
 Less Engine Room *2728.21*
 Less Navigation Spaces *123.05*
 Register Tonnage *5639.11*
 as cut on Beam...

CLASS *100 A.1. Shelter deck with fuelboard*
 Breadth (greatest moulded) *62.50*
 Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck *29.75*
 Deduct height of 'tween deck when this does not exceed 8ft. *✓*
 Transverse Number *92.25*
 Length on deck from fore part of stem to after part of sternpost *460.8*
 Longitudinal Number *42508.8*
 Depth "d" at middle of length. See Secs. 2 & 13... *15.33*
 Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel *12.20*
 " " " Upper Deck at side to top of keel *15.48*
 Destined Voyage *New Zealand*

Master *✓*
 Year of Appointment *1922*
 Built at *Hull*
 When built *1922* Launched *20th September 1921*
 By whom built *Charles S.B. & Co Ltd*
 Owners *New Zealand Shipping Co Ltd*
 Managers *✓*
 (Where necessary to be entered in Reg. Book.)
 - Residence *✓*
 Port belonging to *Plymouth*
 If Surveyed while Building, Afloat, or in Dry Dock *Yes*

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL Do.	Top of Floors to top of Awn. or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
<i>460.6</i>	<i>9</i>		<i>62.8</i>	<i>6</i>		<i>27.0</i>	<i>37</i>	<i>9</i>	<i>9</i>	<i>15 1/2</i>	<i>Three</i>

Dimensions of Ship per Register, Length *460.6* breadth *62.8* depth *27.0* Upper Deck. Moulded depth, ft. *29* ins. *9* To Upper Dk.

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	<i>11</i>	<i>3 1/2</i>	<i>50</i>	PILLARS, In 'tween Deck, size and spacing	<i>11</i>	<i>3 1/2</i>	<i>50</i>
Do. in peaks	<i>12</i>	<i>3 1/2</i>	<i>50</i>	" Hold	<i>12</i>	<i>3 1/2</i>	<i>50</i>
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	" Quarter, 'tween Dks.	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>
" " at intermdt. Bkts.	<i>8</i>	<i>3 1/2</i>	<i>55</i>	" in Hold	<i>8</i>	<i>3 1/2</i>	<i>55</i>
Spacing of Frames from centre to centre amidships			<i>27</i>	KEELSONS AND STRINGERS.			
" length to collision bulkhead			<i>27</i>	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
" of Frames from centre to centre in peaks			<i>24</i>	" Rider Plate			
REVERSED FRAME, Angles, or Bars, amidships	<i>5</i>	<i>3 1/2</i>	<i>50</i>	Flat Keel Plate Angles			
Do. in way of Double bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	" Horizontal Plates on Floors			
" " at intermdt. Bkts.	<i>8</i>	<i>3 1/2</i>	<i>55</i>	" Angles or Bulb Angles			
FRAMING, depth of girder			<i>11</i>	SIDE KEELSONS, Number			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships			<i>11</i>	" Angles or Bulb Angles			
" in way of Engine and Boiler spaces			<i>11</i>	" Plate above floors, for length			
" thickness at the ends of vessel			<i>11</i>	" Intercoastal Plate, for length			
" depth at 1/2 the half-bdth. as per Rule			<i>11</i>	" Attached to outside plating with Angle			
" height extended at the Bilges			<i>11</i>	BILGE KEELSON, Angles			
FLOORS, in Cell Double Bottoms			<i>40</i>	" Intercoastal Plate, for length			
" state if flanged (top and bottom)	<i>40</i>	<i>3 1/2</i>	<i>50</i>	" Attached to outside plating with Angle			
" spacing of Solid	<i>54</i>	<i>3 1/2</i>	<i>50</i>	SIDE STRINGERS, Number			
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss	<i>48</i>	<i>3 1/2</i>	<i>50</i>	" Angle			
" Angles, Top	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>	" Intercoastal Plate, for lng.			
" Bottom	<i>4</i>	<i>3 1/2</i>	<i>50</i>	" Attached to outside plating with Angle			
" to Floors	<i>5</i>	<i>3 1/2</i>	<i>50</i>	Awn. or Shelter Deck Stringer Plates, breadth and thickness	<i>60</i>	<i>1 1/2</i>	<i>50</i>
Brackets at intermdt. frmng. with & thcknss	<i>24</i>	<i>40</i>	<i>50</i>	" Angle on ditto	<i>60</i>	<i>1 1/2</i>	<i>50</i>
SIDE GIRDERS, number and thickness	<i>one</i>	<i>17</i>	<i>15</i>	" Tie Plates, fore and aft, outside Hatchways	<i>3 1/2</i>	<i>3 1/2</i>	<i>45</i>
" state if flanged (top & bottom)	<i>40</i>	<i>3 1/2</i>	<i>50</i>	" Deck, * Iron or Steel, for full lng.	<i>3 1/2</i>	<i>3 1/2</i>	<i>45</i>
" Angles	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>	" Wood Deck, Material & thickness	<i>5</i>	<i>2 1/2</i>	<i>40</i>
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>40</i>	<i>3 1/2</i>	<i>50</i>	Upper Deck Stringer Plate, breadth and thickness	<i>72</i>	<i>45</i>	<i>50</i>
" Angles to outside plating	<i>4</i>	<i>3 1/2</i>	<i>50</i>	" Angles on ditto, No.	<i>3 1/2</i>	<i>3 1/2</i>	<i>45</i>
" to floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>	" Tie Plates, outside Hatchways	<i>15</i>	<i>35</i>	<i>30</i>
Brackets at intermdt. frmng. with & thcknss	<i>24</i>	<i>40</i>	<i>50</i>	" Deck, * Iron or Steel, for full lng.	<i>45</i>	<i>30</i>	<i>38</i>
Height of Brackets above at bilge	<i>Parallel to base line</i>	<i>78</i>	<i>in E.R. space</i>	" Wood Deck, Material & thickness	<i>5</i>	<i>2 1/2</i>	<i>40</i>
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>41</i>	<i>55</i>	<i>45</i>	Second Deck Stringer Plates, br'dth & thckn's	<i>72</i>	<i>45</i>	<i>50</i>
" thickness in Engine and Boiler space	<i>E.S. 22</i>	<i>40</i>	<i>50</i>	" Angles on ditto, No.	<i>3 1/2</i>	<i>3 1/2</i>	<i>45</i>
" Remainder in Holds	<i>17</i>	<i>15</i>	<i>40</i>	" Tie Plates, outside Hatchways	<i>15</i>	<i>35</i>	<i>30</i>
BEAMS, Awn. or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>10</i>	<i>3 1/2</i>	<i>50</i>	" Deck, * Material and thickness	<i>Steel (full)</i>	<i>15</i>	<i>35</i>
" Spacing	<i>every frame</i>			Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>10</i>	<i>3 1/2</i>	<i>50</i>	" Angles on ditto, No.			
" Spacing	<i>every frame</i>			" Tie Plates, outside Hatchways			
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>10</i>	<i>3 1/2</i>	<i>50</i>	" Deck, Material and thickness			
" Angles on upper edge	<i>10</i>	<i>3 1/2</i>	<i>50</i>	Poop Deck Stringer Plate, breadth & thickness			
" Spacing	<i>every frame</i>			" Angles on ditto			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>8</i>	<i>3 1/2</i>	<i>25</i>	" Tie Plates			
" Angles on upper edge	<i>8</i>	<i>3 1/2</i>	<i>25</i>	" Deck, Material and thickness			
" Spacing	<i>every frame</i>			Bridge Deck Stringer Plate, br'dth & thickness	<i>63 1/2</i>	<i>27</i>	<i>40</i>
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>7</i>	<i>3 1/2</i>	<i>40</i>	" Angle on ditto	<i>6</i>	<i>6</i>	<i>60</i>
" Angles on upper edge	<i>8</i>	<i>3 1/2</i>	<i>19</i>	" Tie Plates			
" Spacing	<i>every frame</i>			" Deck, Material and thickness	<i>Steel</i>	<i>40</i>	<i>45</i>
				Forecastle Deck Stringer Plate, br'dth & th'kns	<i>34</i>	<i>17</i>	<i>40</i>
				" Angle on ditto	<i>3 1/2</i>	<i>3 1/2</i>	<i>17</i>
				" Tie Plates			
				" Deck, Material and thickness	<i>Steel</i>	<i>30</i>	<i>45</i>

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

Form No. 11. WEB FRAMES. FORGINGS or CASTINGS. BULKHEADS. PLATING. RIVETING. FRAMES extend in one length from Bilge to Shelter Deck. REVERSED FRAMES on floors and frames extend from Centre Girder to Margin Plate also bilge to 2nd Deck. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails.

(e) 2 1/2' (NWC Rpt No 115777) (11.58) EQUIPMENT No. 47594 LETTER (d) ANCHORS. PARTICULARS OF DROP TEST OF Cast Steel Anchors. HAWSERS AND WARPS. Correspondence.—State dates and initials of letters respecting this case. General Remarks (State quality of workmanship, &c.) This vessel has been built in accordance with the Rules, the approved plans and the Secretary's letters quoted above. The workmanship and materials are good throughout. Committee's Minute Character assigned + 100ft Shelter Deck with flr Lloyd's A.C.P., 100ft + Lmcl. 3.22 2D, Cd, Lloyd's Register Foundation

GENERAL REMARKS—(continued).

is at present being used for feed water. It has been arranged with the owner that no record of oil fuel will be assigned at present & it was pointed out to them that in the event of feed water being carried in No 4 & oil in tanks adjoining copperdams should be fitted. If & when it is intended to carry oil fuel, we will be advised -

No 6 tank is cemented, the remainder of the tanks are coated with Bitumast. The No 4 tank was changed from oil to feed water after the trial trip. The owners representative arranged that this tank was not to be cemented, as oil fuel may be carried at a later date -

AS.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge 270.0 ft., Forecastle 53.83 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 Wks. (Stl) + Shelter Wks (Stl)

Official No. 145994; Signal Letters

State if Machinery is fitted aft No

How are the surfaces preserved from oxidation? Inside Bitumast, Cement + paint

Outside Paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, (No 6. 93 FW) (No 5. 24 W.B. 220 oil)	112.5	Water 339 Oil 220	Fore peak tank,	✓	95
Double bottom, under Engines and Boilers, No 4. F.W.	78.75	375	After peak tank,	✓	29
Double bottom, if under Engines only,	—	—	Deep tank, aft,	✓	Water Oil
Double bottom, if under Boilers only,	—	—	Deep tank, forward, Oil fuel bunker	13.5	336 300
Double bottom, forward, No 1, 2, 3	193.25	690 644	Other tanks, if fitted, F.W. Tank aft	26.0	106
Total capacity of double bottom		1404 864	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 384.5

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

Order for Special Survey No.

Date

No. 626

in builder's yard.

Dates of Surveys held while building

Mar 21/1918 to Mar 2/1922

Total No. of Visits

111

Surveyor's Signature

Arthur Scallard

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