

With or Without
Disconnected Erections.

STEEL STEAMER.

FRI. 17 MAR. 1922

Received at London Office

Date of completion of report

Survey held at *Falmouth*

Port of *Falmouth*

Date, First Survey *Jan 30th 1922*

Last Survey *16th March*

1922

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

Twin Screw S.S. "Norfolk" & "Sauerland" Rig FFA schooner

TONNAGE under

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

Total under Upper Dk.

Do. of Poop

Do. of E.Q. Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room ...

Gross Tonnage *10973*

Less Crew Space

Less above Crown of

Engine Room ...

TONNAGE FOR FEES..

Less Engine Room

Less Navigation Spaces

Register Tonnage *6895 ³/₁₀₀*
as cut on Beam ...

CLASS *100A-1 (contemp)*

FEET.

Breadth (greatest moulded)..... *64.0* ✓

Depth, at middle of length from top of keel to top of
upper deck beams at side..... *41.4* ✓

Transverse Number..... *105.44*

Length on deck from fore part of stem to after part of
stern post..... *519.10 ¹/₂*

Longitudinal Number..... *54570*

Depth "d," at middle of length (See Secs. 2 & 13) *20.18 ³/₁₂*

Proportions—Depth to Length—Upper Deck Beam at
side to top of keel } *12.54*

" " Long Bridge Deck }
Beam at side to top of keel }

Master

Year of appointment

Built at *Vegesack*

When built *1918*

Launched *not known*

By whom built *Bremer Vulkan*

Owners *Federal Steam Navig. Co*

Managers

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

Residence

Port belonging to *London*

Destined Voyage

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

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
as per Rule	<i>520</i>		Moulded	<i>64</i>		Do. do. do. do.	Second Dk. Beams	<i>30</i>	<i>2</i>	<i>3</i>
Moulded depth, ft. <i>49</i> ins. <i>3</i> To Bridge Dk. Round of Upper Dk. Beam, Actual <i>1.0 ¹/₂</i> ins.										
Dimensions of Ship per Register, Length <i>520</i> breadth <i>64</i> depth <i>37.6</i> Moulded depth, ft. <i>41</i> ins. <i>4</i> 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.	Inches in Ship.	Inches in Ship.
FRAME, Angles, <i>E or L</i> Bars amidships	<i>9</i>	<i>3.5</i>	<i>.5</i>	✓		PILLARS In 'tween Deck, size and spacing	<i>12</i>	<i>30</i>	<i>4</i>		
Do. in peaks <i>B.A.</i>	<i>9</i>	<i>3.5</i>	<i>.5</i>	✓		" " Hold " "	<i>18</i>	<i>30</i>			
Do. in way of Double Bottoms at Solid Floors...	<i>4</i>	<i>3.5</i>	<i>.43</i>	✓		" Quarter 'tween Dks., " "	<i>Pillars and F&A girders arranged as per plan</i>				
" " at intermdt. Bkts. <i>solid floors</i>						" " in Hold " "					
Spacing of Frames from centre to centre amidships	<i>30</i>					KEELSONS & STRINGERS.					
" " from #	<i>27.5</i>			✓		CENTRE LINE KEELSON, Vertical Plate above					
" " length to Collision bulkhead	<i>23.62</i>			✓		floors, Through Plate, or Intercoastal Plate					
" " in peaks..						" Rider Plate.....					
REVERSED FRAME, Angles, <i>under No. 3 Deck</i>	<i>5.9</i>	<i>3.5</i>	<i>.59</i>	✓		" Flat Plate Keel Angles					
Do. in way of Double Bottoms at Solid Floors...	<i>4.7</i>	<i>3.5</i>	<i>.59</i>	✓		" Horizontal Plates on Floors					
" " at intermdt. Bkts. <i>solid floors</i>	<i>3.9</i>	<i>2.9</i>	<i>.37</i>	✓		" Angles or Bulb Angles					
FRAMING, depth of girder <i>11" under No. 3 Deck</i>	<i>9.64</i>	<i>3.5</i>	<i>.43</i>	✓		SIDE KEELSONS, Number					
FLOORS, depth and thickness of Floor Plate	<i>48.8</i>	<i>.43</i>		✓		" Angles or Bulb Angles					
at mid-line for # length amidships...						" Plate above floors, for length...					
" in way of Engine and Boiler Spaces	<i>.57</i>	<i>in B.R.</i>		✓		" Intercoastal Plate, for length					
" thickness at the ends of vessel	<i>.37</i>			✓		" Attached to outside Plating with Angle...					
" depth at $\frac{3}{4}$ the half breadth, as per Rule ...	✓					BILGE KEELSON, Angles					
" height extended at the Bilges	✓					" Intercoastal Plate for length					
FLOORS in Cell. Double Bottoms.....	<i>.43</i>	<i>to</i>	<i>.37</i>	✓		" Attached to outside Plating with Angle ...					
" state if flanged (top & bottom).....	<i>No</i>			✓		SIDE STRINGERS, Number <i>one</i>					
" Spacing of Solid floors	<i>On every Frame</i>					" " Angle	<i>6.69</i>	<i>3.93</i>	<i>.49</i>		
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	<i>48.8</i>	<i>.57</i>	<i>to $\frac{1}{2}$ L</i>	✓		" Intercoastal Plate, for <i>whole</i> length ...	<i>.49</i>				
" " Angles, Top	<i>3.5</i>	<i>3.5</i>	<i>.51</i>	✓		" Attached to outside plating with Angle.....	<i>flanged 3"</i>	<i>.49</i>			
" " Bottom.....	<i>5.5</i>	<i>5.5</i>	<i>.51</i>	✓		Upper Deck Stringer Plate, br'dth & thickness					
" " to Floors	<i>5.1</i>	<i>5.1</i>	<i>.51</i>	✓		(clear of Bridge)					
Brackets at intermdt. frmg., width & thcknss	<i>solid floors</i>			✓		br'dth & thickness					
SIDE GIRDERS, number on each side & thickness	<i>Two</i>	<i>.43</i>	<i>.37</i>	✓		(in way of Bridge)					
" " state if flanged (top and bottom)	<i>No</i>			✓		Angle (clear of Bridge) ...					
" " Angles (top and bottom)	<i>3.54</i>	<i>3.54</i>	<i>.35</i>	✓		Tie Plate at sides of Hatchways.....					
" " to Floors.....	<i>3.54</i>	<i>3.0</i>	<i>.43</i>	✓		Deck. * Iron or Steel, for <i>whole</i> lng.					
MARGIN PLATE, depth (exclusive of flange)	<i>42</i>	<i>.53</i>	<i>.49</i>	✓		Thickness (clear of Bridge)					
" " and thickness.....	<i>3.54</i>	<i>3.54</i>	<i>.43</i>	✓		(in way of Bridge)					
" " Angle to Outside Plating.....	<i>3.5</i>	<i>3.5</i>	<i>.43</i>	✓		Wood Deck. Material & thickness					
" " Floors	<i>3.5</i>	<i>3.5</i>	<i>.43</i>	✓		Second Deck Stringer Plate, br'dth & thickness					
Brackets at intermdt. frmg., width & thcknss	<i>86</i>			✓		Angles on ditto, No. <i>2</i>					
Height of Outside Brackets above at bilge	<i>86</i>			✓		Tie Plates outside Hatchways					
INNER BOTTOM PLATING, breadth and	<i>44</i>	<i>.53</i>	<i>.43</i>	✓		Deck. * <i>Steel</i> , for <i>whole</i> lng.					
thickness of Middle Line Strake	<i>.65</i>	<i>in B.R.</i>		✓		Wood Deck. Material & thickness					
" " in Engine and Boiler space	<i>.43</i>			✓		Third Deck Stringer Plate, br'dth & thickness					
" " Remainder in Holds.....	<i>9</i>	<i>3.54</i>	<i>.47</i>	✓		Angles on ditto, No.					
BEAMS, Upper Deck, Single Angle, Bulb	<i>9</i>	<i>3.54</i>	<i>.47</i>	✓		Tie Plates, outside Hatchways.....					
" " Angle, Plate, Tee Bulb, or Channel	<i>9</i>	<i>3.54</i>	<i>.47</i>	✓		Deck. * Material and thickness					
" " In way of Long Bridge	<i>Every frame</i>			✓		Fourth and Fifth Deck Stringer Plate, br'dth & thickness					
" " Spacing	<i>Every frame</i>			✓		Angles on ditto, No.					
BEAMS, Second Deck, Single Angle, Bulb	<i>9</i>	<i>3.54</i>	<i>.49</i>	✓		Tie Plates outside Hatchways					
" " Angle, Plate, Tee Bulb, or Channel	<i>Every frame</i>			✓		Deck. Material & thickness					
" " Spacing	<i>Every frame</i>			✓		Poop Deck Stringer Plate, breadth & thickness					
BEAMS, Third and Fourth Deck, Single Angle	<i>9</i>	<i>3.54</i>	<i>.49</i>	✓		Angle on ditto					
" " Bulb Angle, Plate, Tee Bulb, or Channel	<i>Every frame</i>			✓		Tie Plates					
" " Angles on upper edge	<i>Every frame</i>			✓		Deck. Material and thickness					
" " Spacing	<i>Every frame</i>			✓		Bridge Deck Stringer Plate, br'dth & thickness					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate	<i>9</i>	<i>3.54</i>	<i>.49</i>	✓		Angle on ditto.....					
" " Tee Bulb, or Channel	<i>Every frame</i>			✓		Tie Plates.....					
" " Angles on upper edge	<i>Every frame</i>			✓		Deck. Material and thickness					
" " Spacing	<i>Every frame</i>			✓		Forecastle Deck Stringer Plate, br'dth & th'kns					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate	<i>9</i>	<i>3.54</i>	<i>.49</i>	✓		Angle on ditto.....					
" " Tee Bulb, or Channel	<i>Every frame</i>			✓		Tie Plates					
" " Angles on upper edge	<i>Every frame</i>			✓		Deck. Material and thickness					
" " Spacing	<i>Every frame</i>			✓		Pitch Pine over					
BEAMS, Forecastle Deck, Angle, Bulb Angle,	<i>10</i>	<i>3.5</i>	<i>.5</i>	✓		Steel <i>.41</i>					
" " Plate, Tee Bulb, or Channel	<i>Every frame</i>			✓							
" " Angles on upper edge	<i>Every frame</i>			✓							
" " Spacing	<i>Every frame</i>			✓							

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 70 ft., R.Q.D. ft., Bridge 254 3/4 ft., Forecastle 43 7/8 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) 3 ALL OXs

Official No. 144675 ; Signal Letters KGLC

State if Machinery is fitted aft No

How are the surfaces preserved from oxidation? Inside Cement or Bitumastic & paint elsewhere Outside paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	179	676	Fore peak tank,	26	111
Double bottom, under Engines and Boilers,	86	486	After peak tank,	48	121
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	212	922	Other tanks, if fitted,		
Total capacity of double bottom		2084	(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. 3
Date 24 Jan 1928

Date

No. in builder's yard.

Dates of Surveys
held while building

1922. Jan 30, Feb 1, 3, 6, 9, 13, 14, 15, 20, 21, 23, 24, 25, 27. Mar 1, 4, 6, 7, 8, 9, 10, 11, 13, 14, 15

Surveyor's Signature



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Foundation

Total No. of Visits 25