

With or Without Disconnected Erections.

STEEL STEAMER.

SAT. MAR. 20. 1914

Received at London Office

State if Report is also sent on the Machinery of the Vessel *yes*Date of completion of report *25th March 1914.*Port of *Bremen*No. *379.*Survey held at *Bremen*Date, First Survey *9th April 1913.*Last Survey *24th March*

1914.

On the (State if Single, Twin, or Triple Screw) *steel single screw steamer**"GREIFFENFELS"*Rig *Schooner.*TONNAGE under *5500.9*CLASS *100A1.*

FEET.

Master *H. F. Sacken.*

Year of appointment

(1) As Master in service of
owner of present vessel: 1893
(2) As Master of this
vessel: 1914Tonnage Deck *5500.9*Do. between Tonnage Dk. and 3rd and 4th Dk. *✓*Total under Upper Dk. *5500.9*Do. of Poop excl. Open Tonnage *37.5*Do. of R.Q. Dk. *✓*Do. of Bridge House Open Tonnage *96.2*Do. of Forecastle *168.9*Do. of Houses on Dk. *48.8*Do. of excess of Hatchways *✓*Do. above Crown of Engine Room *5852.3*Gross Tonnage *6400.0*Less Crew Space Tonnage for Fees *✓*Less above Crown of incl. Open Tonnage Engine Room *✓*TONNAGE FOR FEES *6400.0*Less Engine Room *✓*Less Navigation Spaces *✓*Register Tonnage as cut on Beam *3661.0*Breadth (greatest moulded) *56.00*Depth, at middle of length from top of keel to top of upper deck beams at side *32.48*Transverse Number *88.48*Length on deck from fore part of stem to after part of stern post *421.83*Longitudinal Number *37323*Depth "d," at middle of length (See Secs. 2 & 13) *18.46*Proportions—Depths to Length—Upper Deck Beam at side to top of keel *12.99*" " Long Bridge Deck Beam at side to top of keel *10.17*Destined Voyage *East Indies* If Surveyed while Building, Afloat, or in Dry Dock *yes*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
<i>421</i>	<i>10</i>		<i>56</i>	<i>0</i>		<i>19</i>	<i>10</i>	<i>8</i>	<i>2</i>

Dimensions of Ship per Register, Length *421.7* breadth *56.2* depth *29.6* Moulded depth, ft. *41* ins. *5 3/4* To Bridge Dk. Round of Upper Dk. Beam, Actual *13 3/8* ins.

FRAMING.				PILLARS.			
Nos. 1, 2 & 3 Holds				PILLARS, In 'tween Deck, size and spacing			
FRAME, Angles, or E or L Bars amidships	11	3 1/2	56	11	3 1/2	56	
Do. in No. 4 Hold	11	3 1/2	54	10 1/2	3 1/2	56	
Do. in peaks, intermediate E & B, or Dk. for Nos. 1 & 4	8	3 1/2	40	7 1/2	3 1/2	46	
Do. in way of Double Bottoms at Solid Floors	4	3 1/2	48	8	3 1/2	46	
Do. in way of Double Bottoms at Solid Floors	4	3 1/2	44	4	3 1/2	44	
" " at intermdt. Bkts.	✓	✓	✓	✓	✓	✓	
Spacing of Frames from centre to centre amidships	27		27				
" " length to Collision bulkhead	24		24				
" " in peaks	✓	✓	✓				
REVERSED FRAME, Angles, or E or L Bars	see	Body of Report					
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	44	3 1/2	3 1/2	44	
" " at intermdt. Bkts.	✓	✓	✓	✓	✓	✓	
FRAMING, depth of girder L. frames	11		11				
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	✓	✓	✓	✓	✓	✓	
" in way of Engine and Boiler Spaces	✓	✓	✓	✓	✓	✓	
" thickness at the ends of vessel	✓	✓	✓	✓	✓	✓	
" depth at 1/2 the half breadth, as per Rule	✓	✓	✓	✓	✓	✓	
" height extended at the Bilges	✓	✓	✓	✓	✓	✓	
FLOORS in Cell. Double Bottoms	45	42	45	42			
" state if flanged (top & bottom)	not flanged		not flanged				
" Spacing of Solid floors	27		27				
ENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	45	54	45	54			
" Angles, Top	3 1/2	3 1/2	52	3 1/2	3 1/2	52	
" " Bottom	4 1/2	4 1/2	60	4 1/2	4 1/2	60	
" " to Floors at ends	5	5	62	5	5	62	
" " " " " " " "	3 1/2	3 1/2	42	3 1/2	3 1/2	42	
Brackets at intermdt. frmg., width & thcknss	Two		Two				
DE GIRDERS, number on each side & thickness	Two		Two				
" state if flanged (top and bottom)	not flanged		not flanged				
" Angles (top and bottom)	3 1/2	3 1/2	44	3 1/2	3 1/2	44	
" " to Floors	3	3	42	3	3	42	
RGIN PLATE, depth (exclusive of flange) and thickness	45 1/4	50	36	50			
" Angle to Outside Plating	4	4	50	4	4	50	
" " Floors after end of E. Sp.	5	3 1/2	44	5	3 1/2	44	
" " " " " " " "	3 1/2	3 1/2	44	3 1/2	3 1/2	44	
Brackets at intermdt. frmg., width & thcknss	27		27				
Height of Outside Brackets above at bilge	27		27				
IER BOTTOM PLATING, breadth and thickness of Middle Line Strake	52		45	52			
" " in Engine and Boiler space	✓	✓	✓	✓	✓	✓	
" " Remainder in Holds	✓	✓	✓	✓	✓	✓	
MS, Upper Deck, Angle, Bulb	8	3 1/2	48	8	3	46	
" Angle, Plate, Tee Bulb, or Channel	8 1/2	3 1/2	46	8 1/2	3	46	
" In way of Long Bridge	✓	✓	✓	✓	✓	✓	
" Spacing	27		27				
MS, Second Deck, Angle, Bulb	9 1/2	3 1/2	50	9	3 1/2	48	
" Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	✓	
" Spacing	27		27				
MS, Third Deck, Angle, Bulb	10 1/2	3 1/2	52	10 1/2	3 1/2	52	
" Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	✓	
" Spacing	27		27				
BEAMS, Poop Deck, Angle, Bulb	10	3 1/2	60	10	3 1/2	56	
" Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	✓	
" Spacing	27		27				
BEAMS, Bridge Deck, Angle, Bulb	8	3 1/2	48	8	3	46	
" Angle, Plate, Tee Bulb, or Channel	✓	✓	✓	✓	✓	✓	
" Spacing	27		27				
BEAMS, Forecastle Deck, Angle, Bulb	11 1/2	3 1/2	64	11 1/2	3 1/2	60	
" Angle, Plate, Tee Bulb, or Channel	10	3 1/2	60	10	3 1/2	56	
" Spacing	27		27				

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

GENERAL REMARKS—(continued).

The Peak Tanks and Peaks have also been filled and tested by a head of water 8 feet above their tank tops and to the height of the load water line respectively, and were found tight. — Bulkheads in holds and Shaft tunnel tested with water from a hose, found also tight.

Panting Arrangement: Three Panting stringers are fitted in No. 1 lower Cargo Hold abaft the Collision bulkhead, of the lengths as shown on the approved profile plan, consisting of stringer plates 36 x .44", fitted with stringer angles 3 1/2 x 3 1/2 x .52" at their inner edges, attached with double lug angles 3 1/2 x 3 1/2 x .44" to the Outside plating and supported by means of Bracket knees 36 x .44" on every frame. —

Reverse Frames 5 x 4 x .42" have been fitted in way of the Panting stringers, as per approved profile, extending from the tank side brackets to the height of the 2nd deck.

Wireless Telegraphy on the Telefunken System has been fitted.
The approved Plans, — 13 in Number, — are being forwarded herewith.

Sister vessel S/s. "FRANKENFELS", Bremen Report No. 354.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 59.6 ft., R.Q.D. ☒ ft., Bridge 125.9 ft., Forecastle 54.2 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated not joined.

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 Dks (Stl — U teaks).

Official No. ☒ ; Signal Letters OKLM State if Machinery is fitted aft No.

How are the surfaces preserved from oxidation? Inside Cement on bottom, otherwise Paint Outside Patent and Oil 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,	139.3	441	Fore peak tank,	21.9	47.5
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	16.8	55.5
Double bottom, if under Engines only,	22.5	109	Deep tank, etc., Tween Deck Ballast Tank aft	36.0	470
Double bottom, if under Boilers only,	22.5	Dry Tank	Deep tank, etc., " " " " forward	36.0	494
Double bottom, forward,	188.8	637	Other tanks, if fitted,	✓	✓
Total capacity of double bottom		1187	(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. 14.

Date 18th Nov. 1912.

No. 201 in builder's yard.

DATES of Surveys held while building

1913: April 9, 22, 30; May 7, 16, 28; June 3, 13, 24; July 4, 24; August 12, 25; September 9, 16, 23, 25, 29; October 7, 13, 21; November 1, 6, 10, 13, 26; December 4, 13, 23, 30, 31; 1914: January 8, 13, 15, 19, 21, 28, 30; February 6, 9, 10, 19, 21, 26, 27; March 7, 14, 17, 19, 24.

Total No. of Visits 50.

Surveyor's Signature

Geo. Dyke A. J. W. Preuss
Lloyd's Register Foundation