

With ~~XXXXXX~~
Disconnected Erections.

STEEL STEAMER.

Received at London Office... TUE JUL 17 1923

Date of completion of report
Survey held at

9 July 1923
Rasloek

State if Report is also sent on the Machinery of the Vessel *yes*
Port of *Hamburg*
Date, First Survey *17 September 1921*
Last Survey *5 July 1923*

No. *15563.*
1923

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

Single screw steamer GRETE

Rig *Schooner*

TONNAGE under

CLASS *100A1*

Master

Year of appointment

(1) As Master in service of
owner of present vessel—19
(2) As Master of this
vessel—19

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

Breadth (greatest moulded)..... *54.0 7.37*

Built at

Rasloek

Total under Upper Dk.

Depth, at middle of length from top of keel to top of
upper deck beams at side..... *32.14 9.79*

When built

1923

Launched *14 April 1923*

Do. of Poop

Transverse Number..... *89.14 2.16*

By whom built

Act. Co. Neptun

Do. of Bridge House

Length on deck from fore part of stem to after part of
stern post..... *144.2 15.11*

Owners

Carl Wohlenberg

Do. of Forecastle

Longitudinal Number..... *39254 3644*

Managers

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

Do. of Houses on Dk.

Depth "d," at middle of length (See Secs. 2 & 13) *18.0 5.48*

Residence

Hamburg

Do. of excess of Hatchways

Proportions—Depths to Length—Upper Deck Beam at
side to top of keel..... *13.68*

Port belonging to

Hamburg

Do. above Crown of
Engine Room

Long Bridge Deck
Beam at side to top of keel..... *10.96*

Gross Tonnage..... *6564*

Less Crew Space

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

Less above Crown of
Engine Room

Destined Voyage *United States*

TONNAGE FOR FEES..... *4160*

Less Engine Room

Less Navigation Spaces

Register Tonnage..... *3994.3*

Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
DEPTH, ACTUAL	Top of Floors to top of Upper Dk. Beams	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	2	2 1/2
Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.	Do.		
Moulded depth, ft.	40	ins.	2	To Bridge Dk.	Round of Upper	13.8	ins.						
Moulded depth, ft.	32	ins.	2	To Upper Dk.	Dk. Beam, Actual								

FRAMING.	PILLARS.	KEELSONS & STRINGERS.
ME. <i>XXXXXX</i> Bars amidships..... <i>290 85 12 220 85 12 1/2</i>	PILLARS In 'tween Deck, size and spacing	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate
in peaks..... <i>200 85 12 200 85 12</i>	" Hold " "	" Rider Plate.....
in way of Double Bottoms at Solid Floors..... <i>90 90 11 90 90 11</i>	" Quarter 'tween Dks., " "	" Flat Plate Keel Angles.....
" at intermdt. Bkts..... <i>130 90 11 130 90 11</i>	" in Hold " "	" Horizontal Plates on Floors.....
ing of Frames from centre to centre amidships		" Angles or Bulb Angles.....
" from #		SIDE KEELSONS, Number.....
" length to Collision bulkhead		" Angles or Bulb Angles.....
" in peaks..... <i>190 95 11 100 95 11</i>		" Plate above floors, for length.....
VERSEO FRAME, Angles.....		" Intercostal Plate, for length.....
in way of Double Bottoms at Solid Floors.....		" Attached to outside Plating with Angle.....
" at intermdt. Bkts..... <i>130 90 11 130 90 11</i>		BILGE KEELSON, Angles.....
AMING, depth of girder..... <i>320</i>		" Intercostal Plate for length.....
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships.....		" Attached to outside Plating with Angle.....
in way of Engine and Boiler Spaces.....		SIDE STRINGERS, Number.....
thickness at the ends of vessel.....		" Angle.....
depth at 1/2 the half breadth, as per Rule.....		" Intercostal Plate, for length.....
height extended at the Bilges.....		" Attached to outside plating with flange.....
DOORS in Cell. Double Bottoms.....		Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge).....
state if flanged (top & bottom).....		" " " " br'dth & thickness (in way of Bridge).....
Spacing of Solid floors.....		" " " " Angle (clear of Bridge).....
NTRE GIRDER, in Dbl. bottom, dpth. & thickness.....		" Tie Plate at sides of Hatchways.....
" Angles, Top..... <i>130 130 13 130 130 13</i>		Deck * <i>Iron</i> Steel, for <i>1/1</i> lng.....
" Bottom..... <i>90 90 11 90 90 11</i>		" Thickness (clear of Bridge).....
" to Floors.....		" (in way of Bridge).....
Brackets at intermdt. frmg., wdth & thkns.....		Wood Deck. Material & thickness.....
DE GIRDERS, number on each side & thickness.....		Second Deck Stringer Plate, br'dth & thickness.....
state if flanged (top and bottom).....		" Angles on ditto, No. 2.....
Angles (top and bottom).....		" Tie Plates outside Hatchways.....
to Floors.....		Deck * <i>Iron</i> Steel, for <i>full</i> lng.....
ARGIN PLATE, depth (exclusive of flange) and thickness.....		Wood Deck. Material & thickness.....
Angle to Outside Plating.....		Third Deck Stringer Plate, br'dth & thickness.....
Floors.....		" Angles on ditto, No.....
Brackets at intermdt. frmg., wdth & thkns.....		" Tie Plates, outside Hatchways.....
Height of Outside Brackets above at bilge		Deck * Material and thickness.....
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake.....		Fourth and Fifth Deck Stringer Plate, breadth & thickness.....
in Engine and Boiler space.....		" Angles on ditto, No.....
Remainder in Holds.....		" Tie Plates outside Hatchways.....
EAMS, Upper Deck, <i>XXXXXX</i> Bulb Angle, <i>XXXXXX</i>		" Deck. Material & thickness.....
" In way of Long Bridge.....		Poop Deck Stringer Plate, breadth & thickness.....
Spacing.....		" Angle on ditto.....
EAMS, Second Deck, <i>XXXXXX</i> Bulb Angle, <i>XXXXXX</i>		" Tie Plates.....
" Spacing.....		Deck. Material and thickness.....
EAMS, Third and Fourth Deck, <i>XXXXXX</i>		Bridge Deck Stringer Plate, br'dth & thickness.....
" Bulb Angle, <i>XXXXXX</i>		" Angle on ditto.....
" Angles on upper edge.....		" Tie Plates.....
Spacing.....		Deck. Material and thickness.....
EAMS, Poop Deck, <i>XXXXXX</i> Bulb Angle, <i>XXXXXX</i>		Forecastle Deck Stringer Plate, b'dth & th'kns.....
" Angles on upper edge.....		" Angle on ditto.....
Spacing.....		" Tie Plates.....
EAMS, Bridge Deck, <i>XXXXXX</i> Bulb Angle, <i>XXXXXX</i>		Deck. Material and thickness.....
" Angles on upper edge.....		
Spacing.....		
EAMS, Forecastle Deck, <i>XXXXXX</i> Bulb Angle, <i>XXXXXX</i>		
" Angles on upper edge.....		
Spacing.....		

W32-0064 (1/2)

WEB FRAMES.		in Ship.	in Ship.	per Rule.	per Rule.	FORGINGS or CASTINGS.		per Rule.	per Rule.
		in Ship.	in Ship.	per Rule.	per Rule.			per Rule.	per Rule.
WEB-FRAMES, In Fore Body, No. and spacing		3 on 4th frames				KEEL, Bar, depth and thickness		Flat plate Keel	
" " " brdth. & thickness		510 11	510 11			STEM, moulding and thickness		260 x 75	260 x 75
" " " No. of Side Stringers		2				STERN-POST for Rudder do. do.		270 x 215	270 x 215
WEB-FRAMES, In E. & B. Space, No. & spacing		4 on 5th frames	4 on 5th frames			" for Propeller		270 x 210	270 x 210
" " " brdth. & thickness		510 11	510 11			RUDDER-A x D* Table 22. Speed		12 knots	
WEB-FRAMES, In After Body, No. and spacing		✓	✓	✓	✓	" Main-Piece, diameter at head		245	245
" " " brdth. & thickness		2				" " at heel		202	202
" " " No. of Side Stringers		2							
" " " Size of Face Angles to Web-Frames		140 x 45 x 9	140 x 45 x 9						
BRACKET PLATES to Stringers between		15 x 4 x 1/2	15 x 4 x 1/2						
Web Frames, depth and thickness		510 10	510 10						

BULKHEADS.	Number.	Thickness.	STIFFENERS.				Single or Double Frames.	Height up, state deck.
			Horizontal.		Vertical.			
	Vessel.	Per Rule.	Size.	Spacing.	Size.	Spacing.		
W.T. BULKHEADS	1	13-1/2	as approved	as approved	as approved	as approved	single	upper
Collision	1	10-1/2	as approved	as approved	as approved	as approved	single	upper
Partition	1	13-1/2	as approved	as approved	as approved	as approved	single	upper
Longitudinal	1	4-1/2	as approved	as approved	as approved	as approved	single	upper

Are the outside Plates doubled two spaces of Frames in length? *bracketed in line*

Are the ~~Stiffeners~~ and Watertight Doors in efficient working order? *yes*

RUDDER, how constructed	
Thickness of Plate Single Plate	26 1/2 x 75
Can the Rudder be unshipped afloat?	yes

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. *Open Hearth Process*

Plates: Phoenix, Catching, Hump

Beams: Phoenix

Has the Steel been tested as required by the Rules? *yes*

STRAKES.		AS IN SHIP.				PER RULE OR AS APPROVED.		
		AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		
		Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	
		<i>inches.</i>	<i>inches.</i>	<i>inches.</i>	<i>inches.</i>	<i>inches.</i>	<i>inches.</i>	
FLAT PLATE KEEL..... (1) Bar Keel, state Riveting.)		1240	28	22	19½	1240	28	
GARBOARD or A Strake		1800	14	16½	12		14	
State actual thickness in way of Double Bottom.	B	1800	14	16½	12		14	
	C	1800	14	16	12		14	
	D	1800	14	12	12		14	
	E	1520	18	15	13		18	
	F	1520	18	15	13		18	
	G	1940	16½	15½	13		16½	
	H	1950	19½	15½	13		19½	
	J	1950	16½	12	12		16½	
	K	1650	16½	12	12		16½	
	Morn Sheer	L	1320	16½	12	12	1320	16½
	M	1350	19				17	
	N	1300	18½			1300	18	
	O							
	P							
	Q							
	R							
S								
T								
U								
V								
W								
THICKNESS OF SHEERSTRAKE		1320	28	12	12		28	
CLEAR OF LONG BRIDGE		1850	22½	12	12		22½	
DO. OF STRAKE BELOW								
DBLG. of Flat Plate Keel								
" Sheerstrakes								
Length and thickness.								
POOP SIDES					10		10	
SHORT BRIDGE SIDES ...		see all other strakes above						
FORECASTLE SIDES				10½			10½	

Upper Deck		Butts, Riveted for		Half length amidship.		Butts of Side Stringers		Tie Plates		riveted.	
Stringer Plate	Butts, Riveted for	Half	length amidship.	Butts of Side Stringers	Tie Plates	Double Single Butts	Tie Plates	Double Single Butts	Tie Plates	Double Single Butts	Tie Plates
Second Deck	Butts, Riveted for	Half	length amidship.	Inner Bottom Plating, riveting of Edges	Double Single Butts	Tie Plates	Double Single Butts	Tie Plates	Double Single Butts	Tie Plates	Double Single Butts
Stringer Plate	Butts, Riveted for	Half	length amidship.	Centre Girder Butts, Riveted	Keelson Butts, Riveted	Frames, riveted through Plates with	22 x 7/8 Rivets, about	130 m apart.	Rivets, state whether Iron or Steel	Steel	
Bridge stringer Butts, Double lapped											

FRAMES extend in one length from *Keel, Main girder plate* to *upper, bridge, poop, forecastle* State if ordinary or jogged *ordinary*

REVERSED FRAMES on floors and frames extend from *below frame brackets to 2nd deck* State if ordinary or jogged *ordinary*

MASTS, SPARS, &c.												
		Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
				At Partners.	Heel.	Heads.	Heads.		Number.	Size.	Seams.	Butts.
LOWER MASTS.....	Fore	Steel	22 (30 1/2)	840 x 13	840 x 13	825 x 11	220 x 9	two	3	90 x 90 x 13	Double	Double
	Main	"	22	"	"	"	"	"	"	"	"	"
	Mizen	"	22	"	"	"	"	"	"	"	"	"
Bowsprit												
Topmasts, Yards and Remainder of Spars												
Rigging, Material and Size, Shrouds		Steel	4	5 1/2								
Sails.		Suit of	3	1/2								
		Sails, and the following spare sails										

TUE JUL 17 1923

EQUIPMENT No. 41082				LETTER 21				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS					
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
9123	1st Bower ...	69	0	9	Stockless	53	7	2	0	65	0	0	Crusson Stockless	Crusson	Hartmann 3/3/22		
" 124	2nd " ...	69	1	3	"	53	10	0	0	65	0	0	"	"	"	" " " "	
" 125	3rd " ...	43	1	21	"	55	10	0	0	55	2	0	"	"	"	" " " "	
	4th " ...									194	2	0					
	Collective weight.	211	3	5													
95	Stream	24	1	3	Stockless	26	13	0	14	23	5	0	Crusson Stockless	Crusson	St. Beng. 4 June 21		
93	Kedge.....	7	2	9	3 0 14	15	3	21					ordinary				

Particulars of Drop Test of Cast Steel Anchors, viz. :—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower	43. 1. 3 1/2	12. 0	St. Beng. 7. Dec 1921
2nd "	43. 1. 11	12. 0	" " " "
3rd "	49. 1. 14.	12. 0	" " " "
Stream	18. 1. 20	12. 0	" " 15 April. 1921

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.	Length and Size per Table 31.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material	Length and Size supplied.	Breaking Test of Steel Wire Towline.	Length and Size per Table 31.
	Length. Diam.	Statu- ing.	Supplied. Per Rule.	Length. Diam.					Length. Cir.	Length. Cir.	
34019	398.21 60	102010	22642	48580 550	22	Swedish	Swedish 22 Sept	TOWLINE	240 240	89100	240 240
	395.15 "	142900	23398					HAWSERS & WARPS	440 94	41000	440 94
			46060						370 65	18500	370 65
Iron Stream Chain or Steel Wire	220 128		44000	220 128	22	Swedish					

Boats 2d 26.6 x 4.6 x 3.3 and 2d 22.0 x 6.6 x 2.6 Steering Gear, Steam yea Steering Gear, Hand yea
Pumps, Number one in fore peak only Diameter of Barrel State whether they are in efficient working order
Windlass is of Blake Chapman type for steam Capstan
Engine Room Skylights.—How constructed? Steel on F. day ofal. Bridge What arrangements for deadlights in bad weather? covers
Coal Bunker Openings.—How constructed? Steel covers. How are lids secured? Weld. battened down. Height above deck? 30" above bridge
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 5 Scuppers. 6 Freeing ports. 825 x 430 mm on each side.
Ceiling in Holds, thickness and material 2 1/2 pine Cargo Battens, thickness and material 2" pine
Cargo Hatchways.—How formed? Steel covers round corners. Hatches, If strong and efficient? yea, 4 inches
State size No. 1 Hatch (Forward) 825 x 5790 No. 2 Hatch 10245 x 5490 No. 3 Hatch 5450 x 4900 No. 4 Hatch 8903 x 5490
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch No. 5 " 825 x 5490 No. 6 " 1110 x 2450 No. 7 Hatch 3450 x 3450 No. 8 Hatch 4450 x 3450 No. 9 Hatch 3450 x 3450
No. 1 Hatch 3. Webs No. 5 Hatch 3 Webs No. 6 Hatch 1 Web No. of Breasthooks 4 No. of Crutches steel struts
Bulwarks, height above deck and description Steel 6 1/2 ft Main Rail, material and size 150 x 65 x 12
The foregoing is a correct description. Actien-Gesellschaft „Neptun“
Builder's Signature (here only) Schiffswerft n. Maschinenfabrik
Surveyor's Signature
Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)
Mr. 20 July. 13. 23 x 28 Sept. 1922. 20 Jan 25 Jan 3 Feb 26 October 20 22 Dec 1922, 24 Feb 1923 E 6 April 1923

Workmanship. Are the butts of plating planed or otherwise fitted? yea all overlapped
Is the riveted work properly closed? yea
Are the liners between the frames and plates solid single pieces? yea Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? yea Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? yea Do any rivets break into or through the seams or butts of the plating? no
Are the butts of Plating, Stringers, &c., properly shifted and overlapped? overlapped yea
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? yea State results of tests found light
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? yea State results of tests found light

General Remarks (State quality of workmanship, &c.)
This steel screw steamer has been built in accordance with the approved plans and in general conformity with the Rule requirements throughout
The workmanship is throughout as in all respects good all parts conforming well with each other, and satisfactorily riveted
The steel materials used in the construction have been made at works approved by the Society and tested as required by the Rules
One Bulkhead in fore hold has been approved with also hand pumps in the holds as approved

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 £ 10 : 0 : 0 Fees applied for, 6 July 1923
Special Survey Fee.... £ 377 : 0 : 0 Received by me, 30. 7. 23
Travelling Expenses, if any £ 4 : 10 : 0
State whether the Vessel has been built under Special Survey yea
I am of opinion this Vessel should be Classed 100A1. (one Bulkhead only)
With, or without Freeboard, as condition of Class without Freeboard
Certificate sent to Hamburg Date of issue 3/8/23
Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 3 AUG. 1923
Character assigned + 100A1
note omission of bulkhead + Lm.C. 7. 23
Jmly

W32-0064(42)

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 57.0 ft., R.Q.D. ft., Bridge 144.0 ft., Forecastle 39 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated Poop is not joined to Bridge deck.

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) 2 Becks steel not sheathed 2 tiers of Beams, part Lower deck in 1st hold
Official No. RMDDP; Signal Letters RMDDP State if Machinery is fitted aft no
How are the surfaces preserved from oxidation? Inside Bottom Asphalt holds paint Outside polished & oil painted

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.		Water Capacity.	Where Fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	<u>150.9</u>	<u>528</u>		Fore peak tank,	<u>23.0</u>	<u>134.0</u>	
Double bottom, under Engines and Boilers,	<u>24.9</u>	<u>118.0</u>		After peak tank,			
Double bottom, if under Engines only,	<u>191.3</u>	<u>709.0</u>		Deep tank, aft, <u>at peak tank head</u>	<u>31.6</u>	<u>115</u>	
Double bottom, if under Boilers only,				Deep tank, forward,			
Double bottom, forward,				Other tanks, if fitted,			
	Total capacity of double bottom		<u>1355</u>	(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. 40

Date 19 Sep 1921

No. 399 in builder's yard.

DATES of Surveys held while building

19 Sep 1921, 28 April 8.31 May, 18 July, 10 August, 6 & 26 September
15 Decan 1922, 4 & 30 January, 4-21 Feb, 3, 9 & 16 March, 6 & 30 April
1 & 8 May 21 & 30 June 4 & 5 July 1923

Total No. of Visits 24

Surveyor's Signature

Cao. Dykes

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