

~~Awning or Shelter Deck,~~  
~~or Pl. Awning Deck.~~

37536 Sup  
STEEL STEAMER.

No. 12167

State if Report is also sent on the Machinery of the Vessel Yes  
Port of Rotterdam Date of completion of Report 25<sup>th</sup> of Feb. 1912 Received at London Office FRI. 3 MAR. 1912  
Survey held at Schiedam Date, First Survey 16-5-1910 Last Survey 11-2-1912  
On the (State if Single, Twin, or Triple Screw) steel single screw steamer "GEMMA" Rig Schooner.

TONNAGE under  
Tonnage Deck... 5982.15  
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. 2041.84  
Total under Upper Dk. 8023.99  
Do. of Poop  
Do. of R. Qr. Dk.  
Do. of Bridge House  
Do. of Forecastle  
Do. of Houses on Deck 324.54  
Do. of excess of Hatchways 68.49  
Do. above Crown of Engine Room...  
Gross Tonnage 8420.05  
Less Crew Space 308.56  
Less above Crown of Engine Room...  
TONNAGE FOR FEES...  
Less Engine Room 2694.41  
ation Spaces 79.66

CLASS 100 A 1-  
Breadth (greatest moulded) 60.00  
Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 39.50  
Deduct height of 'tween deck when this does not exceed 8ft. 8.00  
Transverse Number 91.50  
Length on deck from fore part of stem to after part of sternpost 450.00  
Longitudinal Number 41175-  
Depth "d" at middle of length. See Secs. 2 & 13... 17.75  
Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 11.39  
" " " Upper Deck at side to top of keel 14.28

Master H. Ebes.  
Year of Appointment (1) As Master in service of owner of present vessel: 10  
(2) As Master of this vessel: 1912  
Built at Schiedam  
When built 1910-11 Launched 13<sup>th</sup> of August 1911  
By whom built Scheepsbouw Maatschappij Nieuwe Waterweg.  
Owners Van Nieuvelt Goudriaan & Co's stoomvaart Maatschappij.  
Managers  
(Where necessary to be entered in Reg. Book.)  
Residence Rotterdam.  
Port belonging to Rotterdam.

Destined Voyage Hampton Roads If Surveyed while Building, Afloat, or in Dry Dock Building

on Rule 450 Ft. 0 Ins. BREADTH Moulded 60 Ft. 0 Ins. DEPTH, ACTUAL Top of Floors to top of Awn. or Shelter Dk. Beams 36 Ft. 11 Ins. No. of Decks with flat laid 3  
er Rule 450 Ft. 0 Ins. Moulded 60 Ft. 0 Ins. Do. do. Upper Deck Beams 28 Ft. 11 Ins. No. of Tiers of Beams Steel Dks  
s of Ship per Register, 36.95 Awn. or Shelter Dk. Moulded depth, ft. 39 ins. 6 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 15 ins.  
Length 450.5 breadth 60.36 depth. 39.50 Upper Deck. Moulded depth, ft. 31 ins. 6 To Upper Dk.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
Angles, or E or L Bars, amidships	11	3 1/2	76	11	3 1/2	76
peaks	8	3	44	8	3	44
way of Double Bottoms at Solid Floors	3 1/2	3 1/2	44	3 1/2	3 1/2	44
" " at intermdt. Bkts.						
of Frames from centre to centre amidships		36			36	
length to collision bulkhead		27			27	
of Frames from centre to centre in peaks		24			24	
SED FRAME, Angles						
way of Double bottoms at Solid Floors	3 1/2	3 1/2	44	3 1/2	3 1/2	44
" " at intermdt. Bkts.						
NG, depth of girder						
S, 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-bdth. as per Rule						
height extended at the Bilges						
IS, in Cell Double Bottoms	46	40	46	40		
state if flanged (top and bottom)	Yes	top only				
spacing of Solid	36, 24, 24	36, 24, 24				
EE GIRDER, in Dbl. bottom, dpth. & thickness	46 x 56	46 x 56	46	56	46	56
" Angles, Top	3 1/2	3 1/2	5 1/2	3 1/2	3 1/2	5 1/2
" Bottom	5	5	60	5	5	60
" to Floors	6	6	52	6	6	52
Brackets at intermdt. frmg., width & thknss						
GIRDERS, number and thickness	Two	40	Two	40		
" state if flanged (top & bottom)	not flanged					
Angles (to flange, 3 x 3 x 4 1/2)	3 1/2	3 1/2	44	3 1/2	3 1/2	44
GIN PLATE, depth (exclusive of flange) and thickness						
Angles to outside plating	4	4	52	4	4	52
" to floors	6	6	52	6	6	52
Brackets at intermdt. frmg., width & thknss						
Height of Brackets above at bilge		3'5"		3'5"		
R BOTTOM PLATING, breadth and thickness of Middle Line Strake	62	52		52		
" thickness in Engine and Boiler space	ES. 52 BS. 68	ES. 52 BS. 68				
" Remainder in Holds	52	44		52	44	
MS, Awn. or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10	3 1/2	56	10	3 1/2	56
Spacing	every frame					
MS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10	3 1/2	58	10	3 1/2	58
Spacing	every frame					
MS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	11	3 1/2	60	11	3 1/2	60
Angles on upper edge half beams	10	3 1/2	48	10	3 1/2	48
Spacing	every frame					
MS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						
Angles on upper edge						
Spacing						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						
Angles on upper edge						
Spacing						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						
Angles on upper edge						
Spacing						

PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
PILLARS, In 'tween Deck, size and spacing						
" " Hold						
" Quarter, 'tween Dks.,						
" " in Hold						
KEELSONS AND STRINGERS.						
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						
" Rider Plate						
" Flat Keel Plate Angles						
" Horizontal Plates on Floors						
" Angles or Bulb Angles						
SIDE KEELSONS, Number						
" Angles or Bulb Angles						
" Plate above floors, for length						
" Intercoastal Plate, for length						
" Attached to outside plating with Angle						
BILGE KEELSON, Angles						
" Intercoastal Plate, for length						
" Attached to outside plating with Angle						
SIDE STRINGERS, Number						
" Angle						
" Intercoastal Plate, for lng.						
" Attached to outside plating with Angle						
Awning or Shelter Deck Stringer Plates, breadth and thickness	66 x 60	44	66 x 60	44		
" Angle on ditto	6 x 6	60	6 x 6	60		
" Tie Plates, fore and aft, outside Hatchways		60		60		
" Deck, Iron or Steel, for whole lng.	60	34	60	34		
" Wood Deck, Material & thickness						
Upper Deck Stringer Plate, breadth and thickness	66 x 46	44	66 x 46	44		
" Angles on ditto, No. two	3 x 3 x 48	48	3 x 3 x 48	48		
" Tie Plates, outside Hatchways	44	36	44	36		
" Deck, Iron or Steel, for whole lng.	38	32	38	32		
" Wood Deck, Material & thickness						
Second Deck Stringer Plates, br'dth & thkn's	66 x 42	38	66 x 42	38		
" Angles on ditto, No. two	3 x 3 x 42	44	3 x 3 x 42	44		
" Tie Plates, outside Hatchways	3 1/2 x 3 1/2 x 44	44	3 1/2 x 3 1/2 x 44	44		
" Deck, Material and thickness	32	30	32	30		
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
" Deck, Material and thickness						
Poop Deck Stringer Plate, breadth & thickness						
" Angles on ditto						
" Tie Plates						
" Deck, Material and thickness						
Bridge Deck Stringer Plate, br'dth & thickness						
" Angle on ditto						
" Tie Plates						
" Deck, Material and thickness						
Forecastle Deck Stringer Plate, br'dth & th'kns						
" Angle on ditto						
" Tie Plates						
" Deck, Material and thickness						



WEB FRAMES. In Fore Body, No. and spacing. WEB-FRAMES, In E. & B. Space, No. and spacing. WEB-FRAMES, In After Body, No. and spacing. BRACKET PLATES to Stringers between Web Frames, depth and thickness. BULKHEADS. W.T. BULKHEADS. PLATING. STRAKES. RIVETING. BUTTS. FORGINGS & CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. for Propeller. RUDDER-A x D\* Table 22. Speed 12 knots. Main-Piece, diameter at head. RUDDER, how constructed. Thickness of Plates or Single Plate. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails.

EQUIPMENT No. 44612 LETTER C+. ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. Bulwarks. The foregoing is a correct description. Builder's Signature. 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. The Double Bottom; fore and afterpeak tanks and deep tanks have been made to carry oil fuel and Sec 49 of the Rules has been fully complied with in all details.



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 should appear in the Register Book) 3 Steel Dks.

Official No. \_\_\_\_\_; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft No.

How are the surfaces preserved from oxidation? Inside DBM. fitted to carry liquid fuel, not coated with cement. Otherwise Paint Outside Paint.

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	129.	411.	Fore peak tank,	26.	160.
Double bottom, under Engines and Boilers,			After peak tank,	16.	163.
Double bottom, if under Engines only,	21.	106.	Deep tank, aft,	33.	665.
Double bottom, if under Boilers only, <u>dry tank or oil fuel</u>	39.	198.	Deep tank, forward,		
Double bottom, forward,	180.	664.	Other tanks, if fitted,		
		Total capacity of double bottom <u>1379.</u>	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks. 369 State whether the above have been tested as required by the Rules. Yes and light  
The dry tank under Boilers has been tested as required by the Rules;—can also be used for oil fuel

Order for Special Survey No. 559  
 Date 21-6-1919  
 No. 111— in builder's yard.  
 DATES OF SURVEYS held while building  
26/5; 2-5-8-11-12-17-21-25/6; 5-14-16-21-23-29/7; 13-21-30/8;  
1-6-8-15-20-23-27/9; 7-11-16-23-26/10; 1-6-12-16-24-29/11;  
6-7-10-20-24-29/12-1920; 3-12/1; 1-5-15-28/2; 5-12-29/3; 8-13-26/4;  
6-21/5; 13-17-23/6; 8-15-20-22-28/7; 2-6-9/8; 14-21/9; 7-13-28/10;  
3-16-25/11; 1-6-12-20-28-29/12-1921; 3-5-11-12-21/1; 3-28-14-21/2-1922 Total No. of Visits 90.

Surveyor's Signature

*R. Vuyk*