

MUN. 6 JUN 1910

Received at London Office.

6658

With or Without Disconnected Erections.

STEEL STEAMER.

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

Date of completion of report 20th May 1910 Port of Rotterdam
 Survey held at Rotterdam Date, First Survey 13th November 1909 Last Survey 19th May 1910
 On the Steel Screw Steamer "Maardrecht" Rig Sloop
 CLASS 100 A.1. Master T. Spanier
 Year of appointment 1910
 Built at Rotterdam When built 1910 Launched 20 April 1910
 By whom built Rotterd. Droogd. Maatsk.
 Owners Stoom. Maatsk. "De Maas"
 Managers G. H. van Ommen
 Residence Rotterdam
 Port belonging to Rotterdam
 Tonnage under Tonnage Deck... 805.81
 Do. between Tonnage Dk. and 3rd and 4th Dk. 125.60
 Total under Upper Dk. 931.41
 Do. of Poop 19.24
 Do. of R.Q.Dk. 48.04
 Do. of Bridge House 998.75
 Do. of Forecastle 43.99
 Do. of Houses on Dk. 954.76
 Do. of excess of Hatchways 319.60
 Do. above Crown of 26.51
 Engine Room 608.65
 Navigation Spaces 608.65
 Destined Voyage New Castle If Surveyed while Building, Afloat, or in Dry Dock Building

Length on Deck as per Rule	Breadth Moulded	Depth, Actual	No. of Decks with flat laid	No. of Tiers of Beams
212.0	33.0	13.4	13.9	8.4

FRAMING.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	FORGINGS or CASTINGS.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
FRAME, Angles, of L Bars amidships	3	40	3	40	3	40	KEEL, Bar, depth and thickness	48	48	48	48	48	48
Do. in peaks	3	36	3	36	3	36	STEM, moulding and thickness	6	6	6	6	6	6
Do. in way of Double Bottoms at Solid Floors	3	30	3	30	3	30	STERN-POST for Rudder do. do.	6	6	6	6	6	6
acing of Frames from centre to centre amidships	22 1/2	22 1/2	22 1/2	22 1/2	22 1/2	22 1/2	RUDDER-A x D* Table 22	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
" " length to Collision bulkhead	3	3	3	3	3	3	" Main-Piece, diameter at head	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
" " in peaks	3	3	3	3	3	3	" " at heel	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
EVERSED FRAME, Angles	3	2 1/2	30	3	2 1/2	30	RUDDER, how constructed	Single plate as approved					
RAMING, depth of girder	3	2 1/2	30	3	2 1/2	30	Can the Rudder be unshipped afloat?	Yes					
LOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	3	3	3	3	3	3	KEELSONS & STRINGERS.						
" in way of Engine and Boiler Spaces	3	3	3	3	3	3	CENTRE LINE KEELSON, Vertical Plate above						
" thickness at the ends of vessel	3	3	3	3	3	3	floors, Through Plate, or Intercoastal Plate						
" depth at 1/2 the half breadth, as per Rule	3	3	3	3	3	3	Rider Plate						
" height extended at the Bilges	3	3	3	3	3	3	Flat Plate Keel Angles						
LOORS & BRACKETS in Cell Dble Bottoms	3	3	3	3	3	3	Horizontal Plates on Floors						
" state if flanged (top & bottom)	3	3	3	3	3	3	Angles or Bulb Angles						
" Spacing	3	3	3	3	3	3	SIDE KEELSONS, Number						
ENTRE GIRDER, in Dbl. bottom, dpth. & thicknss.	3	3	3	3	3	3	Angles or Bulb Angles						
" Angles, Top	3	3	3	3	3	3	Plate above floors, for length						
" Bottom	3	3	3	3	3	3	Intercoastal Plate, for length						
" to Floors	3	3	3	3	3	3	Attached to outside Plating with Angle						
SIDE GIRDERS, number on each side & thickness	3	3	3	3	3	3	BILGE KEELSON, Angles						
" state if flanged (top and bottom)	3	3	3	3	3	3	Intercoastal Plate for length						
" Angles	3	3	3	3	3	3	Attached to outside Plating with Angle						
MARGIN PLATE, depth (exclusive of flange) and thickness	3	3	3	3	3	3	SIDE STRINGERS, Number						
" Angles to Outside Plating	3	3	3	3	3	3	Angle						
" Floors	3	3	3	3	3	3	Intercoastal Plate, for length						
" Height of Brackets above at bilge	3	3	3	3	3	3	Attached to outside plating with Angle						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	3	3	3	3	3	3	Upper Deck Stringer Plate, br'dth & thickness						
" in Engine and Boiler space	3	3	3	3	3	3	(clear of Bridge)						
" Remainder in Holds	3	3	3	3	3	3	" " " " (in way of Bridge)						
RAMS, Upper Deck, Single Angle, Bulb	3	3	3	3	3	3	" " " " Angle (clear of Bridge)						
" Angle, Plate, Tee Bulb, or Channel	3	3	3	3	3	3	" " " " Tie Plate at sides of Hatchways						
" Angles on upper edge	3	3	3	3	3	3	" " " " Deck * Iron or Steel, for length						
" Spacing	3	3	3	3	3	3	" " " " Thickness (clear of Bridge)						
RAMS, Second Deck, Single Angle, Bulb	3	3	3	3	3	3	" " " " (in way of Bridge)						
" Angle, Plate, Tee, Bulb, or Channel	3	3	3	3	3	3	" " " " Wood Deck, Material & thicknss						
" Angles on upper edge	3	3	3	3	3	3	Second Deck Stringer Plate, br'dth & thickness						
" Spacing	3	3	3	3	3	3	" Angles on ditto, No.						
RAMS, Third or Fourth Deck, Single Angle, Bulb	3	3	3	3	3	3	" Tie Plates outside Hatchways						
" Angle, Plate, Tee Bulb, or Channel	3	3	3	3	3	3	" Deck * Iron or Steel, for length						
" Angles on upper edge	3	3	3	3	3	3	" Wood Deck, Material & thickness						
" Spacing	3	3	3	3	3	3	Third Deck Stringer Plate, br'dth & thickness						
RAMS, Fourth or Fifth Deck, Plate, Tee	3	3	3	3	3	3	" Angles on ditto, No.						
" Bulb, or Channel	3	3	3	3	3	3	" Tie Plates, outside Hatchways						
" Angles on upper edge	3	3	3	3	3	3	" Deck * Material and thickness						
" Spacing	3	3	3	3	3	3	Fourth and Fifth Deck Stringer Plate, breadth & thickness						
RAMS, Poop Deck, Angle, Bulb Angle, Plate	3	3	3	3	3	3	" " " Angles on ditto, No.						
" Tee Bulb, or Channel	3	3	3	3	3	3	" " " Tie Plates outside Hatchways						
" Angles on upper edge	3	3	3	3	3	3	" " " Deck, Material & thickness						
" Spacing	3	3	3	3	3	3	Poop Deck Stringer Plate, breadth & thickness						
RAMS, Bridge Deck, Angle, Bulb Angle, Plate	3	3	3	3	3	3	" Angle on ditto						
" Tee Bulb, or Channel	3	3	3	3	3	3	" Tie Plates						
" Angles on upper edge	3	3	3	3	3	3	" Deck, Material and thickness						
" Spacing	3	3	3	3	3	3	Bridge Deck Stringer Plate, br'dth & thickness						
RAMS, Forecastle Deck, Angle, Bulb Angle, Plate	3	3	3	3	3	3	" Angle on ditto						
" Plate, Tee Bulb, or Channel	3	3	3	3	3	3	" Tie Plates						
" Angles on upper edge	3	3	3	3	3	3	" Deck, Material and thickness						
" Spacing	3	3	3	3	3	3	Forecastle Deck Stringer Plate, b'dth & th'kns						
LARS, In 'tween Deck, size and spacing	3	3	3	3	3	3	" Angle on ditto						
" Hold	3	3	3	3	3	3	" Tie Plates						
" Quarter 'tween Dks., " "	3	3	3	3	3	3	" Deck, Material and thickness						
" in Hold	3	3	3	3	3	3	BULKHEADS.						
FRAMES, In Fore Body, No. and spacing	3	3	3	3	3	3	Number, Thickness, STIFFENERS.						
" brdth. & thickness	3	3	3	3	3	3	Single or Double Frames, Height up.						
No. of Side Stringers	3	3	3	3	3	3	W. T. BULKHEADS						
FRAMES, In E. & B. Space, No. & spacing	3	3	3	3	3	3	COLLISION						
" brdth. & thickness	3	3	3	3	3	3	PARTITION						
WEB-FRAMES, In After Body, No. and spacing	3	3	3	3	3	3	LONGITUDINAL						
" brdth. & thickness	3	3	3	3	3	3	Are the outside Plates doubled two spaces of Frames in length?						
No. of Side Stringers	3	3	3	3	3	3	Are the Sluice Valves and Watertight Doors in efficient working order?						
Size of Face Angles to Web-Frames	3	3	3	3	3	3							
BRACKET PLATES to Stringers between Web Frames, depth and thickness	3	3	3	3	3	3							

PLATING.

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		BUTTS.		IF LAPPED.
	AMIDSHIP.		FORWARD.		AFT.		Single or Double.	Breadth of Lap.	RIVETS.	STRAPS.	
	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.					
FLAT PLATE KEEL	41	68	52	52	41	68	Double	5 1/4	3 3/4	25	18
GARBOARD OF A Strake	65	46	38	38	66	46	"	4 1/2	3 3/4	10 1/2	12 1/4
B "	65	46	38	38	66	46	"	"	"	"	"
C "	51	46	38	38	51	46	"	"	"	"	"
D "	51	46	38	38	50	46	"	"	"	"	"
E "	59	44	38	38	60	44	"	"	"	"	"
F "	62	48	38	38	62	48	"	5 1/4	3 3/4	"	"
Main Hatchways	41	64	38	38	41	64	"	5 1/4	3 3/4	12	12 1/2
H "											
J "											
K "											
L "											
M "											
N "											
O "											
P "											
Q "											
R "											
S "											
DOUBLING OF Flat Plate Keel											
" Sheerstrakes	13	frames	space	48							
" Length and thickness	13	frames	space	58							
POOP SIDES	30				30						
SHORT BRIDGE SIDES	30				30						
FORECASTLE SIDES	30				30						
Length of plates	10	frames									

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. *Neimons & Martin Steel.*

Plating, &c. *Taberners Ship Building & Iron Co. Ltd.*

Plating, &c. *Rheinische Bergbau und Hüttenwerke AG.*

Plating, &c. *Ferdinandshütte, Düsseldorf.*

Plating, &c. *Has the Steel been tested as required by the Rules? Yes.*

FRAMES extend in one length from *Mary's Wharf.*

REVERSED FRAMES on floors and frames extend from *Ball angle frames.*

MASTS, SPARS, &c.

LOWER MASTS.	Material.	Total Length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.	RIVETING.
			At Partners.	Heel.	Head.			
Fore	Steel	36-0	16-6	14-6	11-6	2	Single	
Main	"	34-6	16-6	14-6	11-6	2	Single	
Mizen	"	34-6	16-6	14-6	11-6	2	Single	

Bowsprit *Topmast, Yards and Remainder of Spars*

Rigging, Material and Size, Shrouds *3 x 3 wire and 1 x 2 1/2 wire each mast stays 3 1/2 and 2 1/2 wire.*

Sails *One suit of fore and aft.*

EQUIPMENT No. 11082. LETTER *m.*

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.		TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.	Makers.	Where and when tested and Superintendent.				
		Owts. qrs. lbs.	Tons. qrs. lbs.		Owts. qrs. lbs.	Tons. qrs. lbs.							
12031	1st Bower	25	3	0	25	8	0	14	23	2	0	Beyers, Stocholm.	17/6-1907
12032	2nd "	22	0	14	22	9	1	14	23	2	0	"	"
13082	3rd "	20	3	0	21	8	0	14	20	4	3	"	"
	4th "	68	2	14	67	1	0					"	"
4990	Stream	6	1	14	8	12	0	0	6	0	0	Ordinary.	17/3-1910
4991	Kedge	3	0	0	3	0	0	0	3	0	0	"	"

CHAIN CABLES.

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.
			Supplied.	Per Rule.				
9868	210	1 1/4	222	3	4	210	1 1/4	16
10000	60	3 1/2	26	1	0	60	3 1/2	16

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.	Test per Certificate.	Length and size per Table 31.	Description.	Makers of Cables.	Where and when tested, and Superintendent.		
							9868	210

Boats *Three*

Pumps, Number *Downton pump and pump for fire.*

Windlass *Iron steam windlass.*

Engine Room Skylights. How constructed? *Steel and angle.*

What arrangements for deadlights in bad weather? *Steel lids and bull eyes.*

Coal Bunker Openings. How constructed? *Steel and angle.*

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *3 Scuppers. 3 Ports. 45" x 18".*

Ceiling in Holds, thickness and material *9 inch 2 1/2".*

Cargo Hatchways. How formed? *Steel and angle.*

State size No. 1 Hatch (Forward) *18' 9" x 26' 0" to 21' 0"* No. 2 Hatch *35' 4 1/2" x 21' 0"* No. 3 Hatch *33' 9" x 21' 0"* No. 4 Hatch *33' 9" x 21' 0"*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *20 fore and afters. 20 fore and afters. 20 fore and afters. 20 fore and afters.*

Bulwarks, height above deck and description *Steel. 45".*

The above is a correct description *Rotterdamse Droogdok Maatschappij.*

Builder's Signature *de Breeke*

Surveyor's Signature *P. Reenenburg*

Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

London Letters. m. 25/10-09. 7/1-1910.

Workmanship. Are the butts of plating planed or otherwise fitted? *Overlapped and Caulked.*

Is the riveted work properly closed? *Yes.*

Are the liners between the frames and plates solid single pieces? *Yes.*

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes.*

Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *Yes.*

Do any rivets break into or through the seams or butts of the plating? *Yes, a few.*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes.*

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? *Yes.*

State results of tests *Satisfactory.*

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *Yes.*

State results of tests *Satisfactory.*

General Remarks (State quality of workmanship, &c.) *The workmanship was found satisfactory and the vessel has been built in accordance with the approved plans. Secretary's Letters referred to above and in general conformity with the Society's Rules.*

The approved plans have been sent herewith.

P.S. This vessel will be used in the coal trade and has no cargo battens fitted.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *1* ft., R.Q.D. *65.75* ft., Bridge *50.6* ft., Forecastle *18.5* ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *r*

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) *One Steel Deck. Hull Steel.*

Official No. *1*; Signal Letters *None*; State if Machinery is fitted aft *No.*

How are the surfaces preserved from oxidation? Inside *Amcoat 8.* Paint Outside *Paint.*

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

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Double bottom, aft.	46.8	58	Fore peak tank.	10.95	32
Double bottom, under Engines and Boilers.			After peak tank.		
Double bottom, if under Engines only.	7.5	14	Deep tank, aft.		
Double bottom, if under Boilers only.	26.25	48	Deep tank, forward.		
Double bottom, forward.	101.25	168	Other tanks, if fitted.		

(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 and Light.*

Order for Special Survey No. *250*

Date *26/1-1910.*

No. *24* in builder's yard.

Days of Survey held while building *13-22/11-9/12-09, 4-11-17-21-27/1-4-12-17/2-3-5-8-9-11-19-22-25/3-5-8-12-15-22-24/4-6/5-19/5-1910.*

Total No. of Visits *27.*

The amount of Entry Fee *£26.00*

Special Survey Fee *£253.00*

Travelling Expenses, if any *£24.00*

Fees applied for, *24/5-1910*

Received by me, *11/6-1910*

State whether the Vessel has been built under Special Survey *Yes.*

I am of opinion this Vessel should be Classed *100 H.P. (with fuel cargo)*

With, or without Freeboard, as condition of Class *With out.*

Committee's Minute *TUES. 7 JUN 1910*

Character assigned *100 H.P. subject*

Lloyd's also + time 5.10

With out

P. Reenenburg

Surveyor to Lloyd's Register of British and Foreign Shipping.