

STEEL STEAMER or MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel *Yes*

State if Report is sent on the Machinery of the Vessel *Yes*

Date of completion of report *24 July 1926* Port of *Rotterdam* No. *15418*

Survey held at *Lael Bommel* Date First Survey *3/12 1925* Last Survey *21 July 1926*

On the *(State if Machinery fitted Aft and if Single, Twin or Triple Screw)* *machinery fitted aft. Steel Single Screw Hooper Barge "FOREMOST 36"*

State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)* *Hooper Barge* State Type of Erections *Raised Platforms*

TONNAGE under Tonnage Deck... *635.02* CLASS *100A.1. Hooper Barge* State if with freeboard as condition of Class *No* Built at *Lael Bommel*

Do. of space or spaces between Tonnage Dk. and Upper Dk. Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 180'* Launched *7th May 26* Yard No. *499*

Total Breadth (greatest moulded) *B 32'* Builders *J. Meijer Shipbuilding Co.*

Gross Tonnage *468.15* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 15'* Owners *James Dredging & Towage & Transport Co Ltd*

Register Tonnage *294.94* 1st Longitudinal Number (L x D) *= 2700* Managers *r.* (Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS. FEET. Residence *London*

Length *180.4* Framing Depth "d," at middle of length. See Sec. 3 (1d) *13'-5 1/2"* Port of Registry *London*

Breadth *32.2* Proportions—Depth to Length—Uppermost continuous deck to top of keel *12.* If surveyed while building, afloat, or in dry dock *Building*

Depth *14.16* Draught Moulded *13'-1 1/2"*

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	<i>22"</i>		Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead.....	<i>22"</i>		" " Reversed Frame		
" " in peaks.....	<i>22" aft 23"</i>		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <i>I</i> or <i>C</i>	<i>6 3 .42</i>		" " top Angles		
" " Extends up to	<i>8 1/2</i>		" " bottom Angles		
Reversed Frame Amidships, Angle	<i>3 2 1/2 .34</i>		Side Girders, No. each side and thickness		
" " Extends up to...	<i>on floors only</i>		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder.....	<i>r.</i>		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, <i>C</i> or <i>I</i>			" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem		
" " Second 'tween Decks, Angle, <i>C</i> or <i>I</i>			" " Gussets, spacing and scantling abaft 1/4 len. from stem.....		
" " Third " " " " " "			" " Gussets, spacing and scantling forward 1/4 len. from stem.....		
Framing in Peaks, Angle or <i>C</i>	<i>6 3 .42</i>		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4" x 5 1/4"</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>No</i>		Breadth and thickness of Middle Line Strake		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>not applicable Hooper Barge</i>		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Ditto</i>		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?.....		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<i>18 1/2" x .34"</i>		Uppermost Continuous Deck, amidships in Wells, Angle, <i>E</i> or <i>C</i>	<i>Plate and angle as approved</i>	
Height of Brackets at side above base line at toe of frame	<i>Straight on top</i>		" " in way of Bridge, Angle, <i>E</i> or <i>C</i>	<i>6 3 .36</i>	
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>C</i>	<i>6 3 .42</i>		Spacing	<i>22" x 13"</i>	
" " Through Plate or Intercoastal Plate.....	<i>.34</i>		Second Deck, amidships, Angle, <i>C</i> or <i>I</i>		
" " Foundation Plate on Floors			Spacing.....		
" " Flat Plate Keel Angles	<i>3 3 .34</i>		Third Deck, amidships, Angle, <i>C</i> or <i>I</i>		
Side Keelsons, No. each side	<i>one</i>		Spacing.....		
" " thickness of Intercoastal Plate...	<i>.32</i>		Fourth Deck, amidships, Angle, <i>C</i> or <i>I</i>		
" " Angles <i>L Single</i>	<i>6 3 .42</i>		Spacing.....		
DOUBLE BOTTOM.			Poop Deck, Angle, <i>C</i> or <i>I</i>		
Solid Floors, thickness and spacing			Spacing.....		
" " Are Frame and Reversed Frame joggled?.....			Bridge Deck, Angle, <i>C</i> or <i>I</i>		
Bracket Floors, breadth and thickness at middle line.....			Spacing.....		
" " breadth and thickness at margin plate.....			Forecastle Deck, Angle, <i>C</i> or <i>I</i>		
			Spacing		

PILLARS AND DECKS.

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....					Stringer Plate, breadth and thickness in way of Bridge				
„ in 'tween Decks, Size and Spacing.....					Thickness of Plating abreast Deck openings in way of Wells				
„ „ „ „ „					Thickness of Plating abreast Deck openings in way of Bridge				
„ in Holds „ „					Thickness of Plating within line of openings...				
„ „ „ „ „					If Sheathed, material and thickness				
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....					Stringer Plate, breadth and thickness.....				
Plating, thickness of					If Plated, state thickness.....				
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells <i>36 44</i>					If Plated, state thickness				
„ „ „ „ in way of Bridge					Poop Deck.				
„ Angle in Wells <i>3 1/2 3 1/2 40</i>					Stringer Plate, breadth and thickness				
Thickness of Plating abreast Deck openings in way of Wells					Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings in way of Bridge					Bridge Deck.				
Thickness of Plating within line of openings... <i>8 1/2</i>					Stringer Plate, breadth and thickness.....				
If Sheathed, material and thickness <i>15 1/2 m under Hopper</i>					Plating, Sheathing, material and thickness ...				
Second Deck.					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells... <i>36 44</i>					Stringer Plate, breadth and thickness.....				
					Plating, Sheathing, material and thickness ...				

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	State if jogged? <i>no</i>	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.				Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	<i>40</i>	<i>.48</i>	<i>.48</i>	<i>.48</i>		<i>Double</i>	<i>3/4</i>	<i>3 1/2</i>	<i>Triple</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Lapped</i>	
„ DBLG. (if any) <i>✓</i>													
BOTTOM PLATING, No. of Strakes <i>See plan 44</i>	<i>See plan</i>	<i>.44</i>	<i>.36</i>	<i>.36</i>		<i>“</i>	<i>“</i>	<i>“</i>	<i>Double</i>	<i>3/4</i>	<i>“</i>	<i>“</i>	
BILGE PLATING, No. of Strakes <i>See plan 50</i>	<i>50</i>	<i>.44</i>	<i>.36</i>	<i>.36</i>		<i>Top Edge S</i>	<i>“</i>	<i>“</i>	<i>“</i>	<i>“</i>	<i>“</i>	<i>“</i>	
SIDE PLATING, No. of Strakes <i>See plan 50</i>	<i>50</i>	<i>.38</i>	<i>.34</i>	<i>.34</i>		<i>Double</i>	<i>“</i>	<i>“</i>	<i>“</i>	<i>“</i>	<i>“</i>	<i>“</i>	
UPPER DECK, Sheer-strake in Wells.....	<i>48</i>	<i>.48</i>	<i>.40</i>	<i>.40</i>		<i>“</i>	<i>“</i>	<i>“</i>	<i>Triple</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Loose</i>	
UPPER DECK, Sheer-strake in Bridge ...													
STRAKE BELOW Sheer-strake in Wells.....	<i>See plan</i>	<i>.44</i>	<i>.36</i>	<i>.36</i>					<i>Double</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Lapped</i>	
STRAKE BELOW Sheer-strake in Bridge ...													
POOP SIDE PLATING <i>Painted</i>	<i>See plan</i>	<i>.44</i>				<i>“</i>	<i>“</i>	<i>“</i>	<i>Double</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Strapped</i>	
BRIDGE SIDE PLATING ...	<i>Sheerstrake at break of Hopper were increased to .68"</i>												
FORECASTLE SIDE PLATING	<i>Plating in Hopper were in accordance with the approved plan.</i>												

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—				
Extending to Upper Deck (Sec. 3 c) <i>Four W.T. Bulkheads</i>				
„ Deck next below <i>to upper Deck</i>				
As per Rule				
	Plating Thickness.	STIFFENERS.		
		VERTICAL.	HORIZONTAL.	
		Scantlings, Spacing.	Scantlings, Spacing.	
MIDSHIP BULKH'D, Upper 'tween decks				
„ Hopper Second <i>44/40 L 6 x 3 x 42 as on plan</i>				
„ ends Third <i>and webs as 30 on approved plan</i>				
„ „ Holds				
COLLISION „ (in Hold) <i>42/30 L 6 x 3 x 42 x 24 Semi Bar</i>				
AFTER PEAK „ „ <i>42/30 do. „ „ „</i>				

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	<i>Flat keel plate</i>			
STEM	<i>6 1/2 x 2" Rolled bar</i>			
STERN FRAME { Propeller Post <i>6 1/2 x 4 1/4</i>			<i>Liesen & Co Orefeld</i>	
{ Rudder „ <i>5 3/4 x 4 1/4</i>			<i>Certificate enclosed with report</i>	
RUDDER—A x D.....				<i>In accordance with the approved plan.</i>
Speed of Vessel.....				
RUDDER mainpiece at head ... <i>5"</i>				
„ „ heel ... <i>3 3/4"</i>				<i>The stem and Rudder have been dealt with under my inspection at the last land made but</i>
„ how constructed	<i>Single plate arms keyed to main piece</i>			
„ double or single plate	<i>„ .80 plate</i>			
„ coupling, vertical or horizontal.....	<i>Vertical coupling</i>			

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <i>Siemens Martin process</i>
	<i>Mannesmann-Rohren Werke, Phoenix, Dillinger Hüttenwerke</i>
	Has the Steel been tested as required by the Rules? <i>Yes</i>

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

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

1st Bower
2nd "
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 63.7 ft., R.Q.D. ft., Bridge ft., Forecastle 50.25 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) One 8k. Hopper Barge.
Is bottom of Vessel coated with cement? Yes. if not give particulars of composition. Further painted.

PARTICULARS OF WATER BALLAST.—							
Where Fitted.	Length.		Water Capacity.	Where Fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,				Fore peak tank,			
Double bottom, under Engines and Boilers,				After peak tank,	forward of Rudder post.	11'-0"	47.
Double bottom, if under Engines only,				Deep tank, aft,		11'-6"	64.
Double bottom, if under Boilers only,				Deep tank, forward,			
Double bottom, forward,				Other tanks, if fitted,			
			Total capacity of double bottom	(If necessary, furnish further information by sketch.)			
				* The wells are not to be included in the lengths of the tanks.			

Order for Special Survey No. 39.
Date 8/10. 1925.
Dates of Surveys held while building { 1925. 3/12. 1926. 5.20/1. 4.19/2. 11/3. 1.22. 2.6/4. 14/5. 2.11.25/6. 2.21/7.
Total No. of Visits 15.

