

STEEL STEAMER or ~~MOTORSHIP~~

Received at London Office 10 NOV 1924

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 *31st of October 1924* Port of *Rotterdam*No. *13065*Survey held at *Slidrecht* Date First Survey *12th of Nov. 1923* Last Survey *31st of October 1924*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *steel single screw "Hopper Barge" "TATAM IV" Machinery fitted aft.*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Hopper Barge* State Type of Erections *Hopper*TONNAGE under Tonnage Deck... *630.76*CLASS *100 A 1.* State if with freeboard *without* as condition of Class *"Hopper Barge"*Built at *Slidrecht*Do. of space or spaces between Tonnage Dk. and Upper Dk. *No further particulars of*Total Tonnage *could be obtained*

Gross Tonnage

Register Tonnage

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 170.0*Breadth (greatest moulded) *B 33.0*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 14.0*1st Longitudinal Number (L x D) *= 2380*2nd Numeral L x (B + D) *= 7990*Framing Depth "d," at middle of length. See Sec. 3 (1d) *12.75*Proportions—Depth to Length—Uppermost continuous deck to top of keel *12.14*Do. Long Bridge to top of keel *✓*Draught Moulded *12' 3 1/2"*Launched *31-7-1924* Yard No. *201*Builders *N. V. Scheepsbouw en Machinefabriek "De Klop"*Owners *Messrs C. H. Campbell, Ltd.*

Managers

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

Residence *London*Port of Registry *London*

If surveyed while building, afloat, or in dry dock

Building

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>20</i>	<i>✓</i>	Bracket Floors, Frame	<i>✓</i>	
" " from $\frac{1}{2}$ length to Collision bulkhead	<i>-</i>		" " Reversed Frame		
" " in peaks & fore & afterbody	<i>22</i>	<i>✓</i>	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>✓</i>	
Frame Amidships, Angle, <i>E or F</i>	<i>5 3 .38</i>	<i>✓</i>	" " top Angles		
" " Extends up to	<i>decks</i>	<i>✓</i>	" " bottom Angles		
Reversed Frame Amidships, Angle	<i>2 1/2 2 1/2 .32</i>	<i>✓</i>	Side Girders, No. each side and thickness	<i>✓</i>	
" " Extends up to	<i>on floors only</i>	<i>✓</i>	Margin Plate depth (excl. of flange) and thickness	<i>✓</i>	
Depth of Framing Girder	<i>✓</i>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i>	<i>✓</i>		" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i>	<i>✓</i>		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " Third " " " "	<i>✓</i>		" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem		
Framing in Peaks, Angle <i>E or F</i>	<i>4 1/2 3 .36</i>	<i>✓</i>	Tank Side Brackets, height above base line at toe of Frame and thickness	<i>✓</i>	
Diameter and Spacing of Rivets through Shell Plating	<i>3/4 7 1/2 5 1/2</i>	<i>✓</i>	INNER BOTTOM PLATING.		
State if Frame Joggled	<i>not joggled</i>	<i>✓</i>	Breadth and thickness of Middle Line Strake	<i>✓</i>	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>In accordance with the approved plan</i>	<i>✓</i>	Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Ordinary Strengthening (being hopper)</i>	<i>✓</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. <i>in forebody</i>	<i>14 x .32</i>	<i>✓</i>	BEAMS.		
Floors, Depth and thickness at mid-line in Holds <i>in afterbody</i>	<i>15 x .36</i>	<i>✓</i>	Uppermost Continuous Deck, amidships	<i>4 3 .35</i>	<i>✓</i>
" " " " " "	<i>17 x .42</i>	<i>✓</i>	" " in Wells, Angle, <i>E or F</i>		
Height of Brackets at side above base line at toe of frame	<i>31</i>	<i>✓</i>	" " in way of Bridge, Angle, <i>E or F</i>	<i>✓</i>	
Middle Line Keelsons on Floors, Angles, <i>in fore & afterbody</i>	<i>3 1/2</i>	<i>✓</i>	Spacing	<i>20</i>	<i>✓</i>
" " " " " "	<i>4 x 3 x .32</i>	<i>✓</i>	Second Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
" " " " " "	<i>4 x 3 x .42</i>	<i>✓</i>	Spacing		
" " " " " "	<i>2 1/2 x .34</i>	<i>✓</i>	Third Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
" " " " " "	<i>2 1/2 x .50</i>	<i>✓</i>	Spacing		
" " " " " "	<i>12 x .40</i>	<i>✓</i>	Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
" " " " " "	<i>12 x .48</i>	<i>✓</i>	Spacing		
" " " " " "	<i>3 1/2 x 3 1/2 x .40</i>	<i>✓</i>	Raised aft Peep Deck, Angle, <i>E or F</i>	<i>6 3 .34</i>	<i>✓</i>
" " " " " "	<i>3 1/2 x 5 1/2 x .80</i>	<i>✓</i>	Spacing	<i>22</i>	<i>✓</i>
Side Keelsons, No. each side	<i>one</i>	<i>✓</i>	Bridge Deck, Angle, <i>E</i> or <i>F</i>		
" " thickness of Intercoastal Plate	<i>forward .32</i>	<i>✓</i>	Spacing		
" " " " " "	<i>aft .42</i>	<i>✓</i>	Raised forward Forecastle Deck, Angle, <i>E or F</i>	<i>6 3 .40</i>	<i>✓</i>
" " Angles <i>forward & aft</i>	<i>6 3 .54</i>	<i>✓</i>	Spacing	<i>22</i>	<i>✓</i>
" " in Wells double angles	<i>5 3 .40</i>	<i>not required on app. plan</i>			
DOUBLE BOTTOM.					
Solid Floors, thickness and spacing	<i>✓</i>				
" " Are Frame and Reversed Frame joggled?	<i>✓</i>				
Bracket Floors, breadth and thickness at middle line	<i>✓</i>				
" " breadth and thickness at margin plate	<i>✓</i>				

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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.....	<i>One row</i>	<i>in forebody</i>	Stringer Plate, breadth and thickness in way of Bridge		
„ in 'tween Decks, Size and Spacing.....	<i>in way of engine and boilerspace</i>		Thickness of Plating abreast Deck openings in way of Wells		
„ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge		
„ in Holds „ „	<i>3 1/4 x 44</i>		If Sheathed, material and thickness		
„ „ „ „ „			Third Deck.		
Centre Line Bulkhead.	<i>under hopperwinches</i>		Stringer Plate, breadth and thickness.....		
Stiffeners and Spacing.....	<i>A. 4 3 40 spaced 44"</i>		If Plated, state thickness.....		
Plating, thickness of	<i>.50</i>		Fourth Deck.		
STRINGERS AND DECKS.			Stringer Plate, breadth and thickness.....		
Uppermost Continuous Deck.			If Plated, state thickness		
Stringer Plate, breadth and thickness in Wells	<i>51 x 45</i>		<i>Raised</i>		
„ „ „ „ in way of Bridge			Peep Deck. aft.-		
„ Angle in Wells	<i>3 1/2 3 1/2 45</i>		Stringer Plate, breadth and thickness	<i>59 x 48</i>	
Thickness of Plating abreast Deck openings in way of Wells			Plating, Sheathing, material and thickness ...	<i>steel 30 in way hopperwinch 5/8"</i>	
Thickness of Plating abreast Deck openings in way of Bridge			Bridge Deck.		
If Sheathed, material and thickness			Stringer Plate, breadth and thickness.....		
Second Deck.			Plating, Sheathing, material and thickness ...		
Stringer Plate, breadth and thickness in Wells...			<i>Raised</i>		
			Forecastle Deck. forward.-		
			Stringer Plate, breadth and thickness.....	<i>59 x 45</i>	
			Plating, Sheathing, material and thickness ...	<i>steel 30 pitch pine 2 1/2</i>	
			<i>in way hopperwinch 5/8 windlass</i>	<i>--- .50</i>	

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— *Four W.T. Bulkheads.*
 Extending to Upper Deck (Sec. 3 c)..... *4*
 „ Deck next below.....
 As per Rule.....

FORGINGS ~~and CASTINGS~~

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	forging	6 1/4 x 1 3/8	Builders	
STERN FRAME { Propeller Post	} forging	146 x 98 ^m	{ Burginhouti mach. fab. & Scheepsw.	
{ Rudder "		140 x 95 ^m		
RUDDER—A x D	forging	99.2	"	
Speed of Vessel		8 Knots.		
RUDDER mainpiece at head ...		127 ^m 1/2		
" " heel ...		95 ^m 1/2		
" how constructed	Arms strunk on and keyed to mainpieces. —			
" double or single plate coupling, vertical or horizontal	single plate	76		
	horizontal coupling			

STEEL.

		STEEL.		© 2020	
					Manufacturer's name or trade mark of the Steel used in the construction of the
					Vessel (state process of manufacture)
					Shenninggrove Iron Co Ltd; Cargo Fleet Iron Co. Dorman, Long & Co. Ltd; Phoenix; Rheinische Stahlwerke
					Has the Steel been tested as required by the Rules?
					Yes.

EQUIPMENT No.										LETTER		ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.				
413	1st Bower ...	800	kg		stockless.			18	200	kg	16-0-0	Turbot patent	E. Turbot, Amrin	Amrin 26.5.24 John
412	2nd " ...	800	kg		stockless.			18	200	kg	16-0-0	" "	" "	" "
	3rd " ...										16-0-0			
	Collective weight.										32			
416	Stream	200	kg		70	kg		8	200	kg	4-3-0	Ordinary	E. Turbot, Amrin	Amrin 26.5.24 John

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Diam.					Length.	Cir.		Tons.	Length.
411	390.6	1 1/4	29040	43830	8925	kg	168.	290	1 1/4	440	4	Chaines de St. Amand	St. Amand les Eaux 13.6.24. John	TOWLINE...	75	2 3/4	15 1/2	75	2 3/4
														HAWSERS & WARPS	90	2 1/4	9 1/2	90	2 1/4
														"	90	4	hemp.	90	4
														"					

Steering Gear, Steam *Yes.* Steering Gear, Hand *Yes, and spare tiller.*

Boats *two* Steering Chains, Size and Test *3/4; 6-15-0-0* Windlass *Steam patent*

Ceiling in Holds, thickness and material *2 1/2 ceiling in bunks only.* Cargo Battens, thickness, material and spacing *✓*

Cargo Hatchways.—(Upper Deck) *no hatchways.* Thickness of Hatches *✓*

Size of No. 1 Hatchway (Forward) *✓* No. 2 *✓* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *✓*

Builder's Signature *N. V. Scheepbouw... Machinefabriek DE KLOP*

GENERAL DECLARATION *The Workmanship was found good and the vessel has been built in accordance with the approved plans passed in the Rotterdam Office, of which copies have been forwarded to London.*

Please see London letters M. 20/12.1923; 11/1; 14/1; 19/8; 17/9-1924.

The vessel has been built in agreement with the instructions contained in the letters referred to above and in general conformity with the Society's Rules.

A fore and afterpeak tank have been fitted as per plan and upon completion tested with 8 feet of water above highest part of tank and all parts found tight.

Decks and Bulkheads have been hose tested and were found tight. *1 hull*

Sister vessel, S.S. "TATAM III" Rotterdam Report No.

The amount of Entry Fee *Free bond fee 48.00* Fees applied for, *7/11 1924*

Special Survey Fee *885.00* Received by me, *11/11 1924*

Travelling Expenses, if any *62.00*

I am of opinion the Vessel should be Classed *+ 100 A1.*

"Hopper Barge"

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

Certificate to be sent to *Rotterdam* Date of issue *27/11/24* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRI. 14 NOV 1924*

Character assigned *100 A1*

Hopper Barge

Lincs 246.0 *+ Lincs 10.24.*

Lincs 246.0

11/11

006431-006244-008212

The Surveyors are requested not to write on or below the Committee's Minute.

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 *9 Cwts - 2 qrs - 6 lbs (486 kg) F.L.R. 684 Antwerp 15-4-24.-*
2nd " *9 Cwts - 2 qrs - 2 lbs (484 kg) F.L.R. 683 Antwerp 15-4-24.-*
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., ^{aft.} R.Q.D. *61.0* ft., Bridge ☒ ft., ^{R.Q.D. forward} Forecastle *39.1*

(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *One steel Sk.*

Official No. ; Signal Letters

If bottom of Vessel has been coated Inside

particulars of composition *cement and paint*

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	<i>7.9</i>	<i>29</i>
Double bottom, under Engines and Boilers,			After peak tank,	<i>9.6</i>	<i>36</i>
Double bottom, if under Engines only,			Deep tank, aft,		
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.

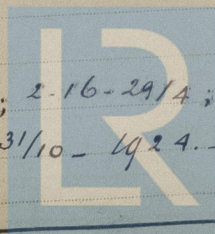
Order for Special Survey No. *663*

Date *15.12.1923*

Dates of Surveys held while building

*12/11; 10-19/12 - 1923
10-18-24/1; 5-12-22/2; 6-20/3; 2-16-29/4; 20/5; 4-27/6; 9-11-25-29-31
5-13-26/8; 9-19/9; 10/10; 31/10 - 1924.*

Total No. of Visits *2*



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