

STEEL SAILING SHIP.

24 SEP 1924

No. 13759-
SEP 1924

Port of Rotterdam Date of completion of Report 18-9-1924 Received at London Office
Survey held at Alblasserdam Date of First Survey 15-7 Last Survey 15-9 1924
On the Steel open Swm Barge "NORTH FLEET" Rig no masts fitted

TONNAGE under Tonnage Deck		CLASS <u>A - "Swm Barge"</u> <small>FEET.</small>		Master ✓	
Do. of Poop		Breadth (greatest moulded).....	<u>19.16</u>	Year of Appointment (1) As master in service of owner of present vessel: 19 (2) As master of this vessel: 19	
Do. of raised Qr. Deck		Depth , at middle of length, from top of keel to top of Upper Deck Beam, at side.....	<u>7.25</u>	Built at <u>Alblasserdam</u>	
Do. of Bridge House		Transverse Number	<u>—</u>	When built <u>1924</u> Launched <u>12-9-24</u>	
Do. of Forecastle		Length , on deck from fore part of stem to after part of sternpost.....	<u>72.0</u>	By whom built <u>N.V. Industriële Maats.</u>	
Do. of Houses on Deck		Longitudinal Number	<u>—</u>	Owners <u>Messrs A. H. Green & Co. Ltd.</u>	
Do. of excess of Hatchways		Depth "d" at middle of length. (See Secs. 2 & 13.)... <u>Approved in London Office</u>	<u>M 8-4-24</u>	Managers ✓ (Where necessary to be entered in Reg. Book.)	
Gross Tonnage		Proportions , Depths to length, Upper Deck beam at side to top of keel.....	<u>—</u>	Residence <u>Greenwich</u>	
Less Crew Space		Destined Voyage <u>Greenwich</u>	<u>—</u>	Port belonging to <u>Greenwich</u>	
Tonnage for Fees		If Surveyed while Building, Afloat, or in Dry Dock <u>Building</u>			
Less Navigation spaces					
Register Tonnage as cut on Beam.....	<u>unknown</u>				

LENGTH on deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH—	Feet.	Inches.	No. of Decks with Flat laid	No. of Tiers of Beams
per rule.....	72	0	Moulded	19	2	Top of Floors to Upper Deck Beams ...	6	8	<u>one</u>	<u>steel dk.</u>
Dimensions of Ship per Register, Length, <u>unknown</u> breadth, <u>—</u> depth, <u>—</u> Moulded depth, ft. <u>7</u> in. <u>3</u> Round up of Beam <u>6</u> ins.										

BULKHEADS AND CASTINGS.	Inches in Ship.	Inches per Rule. Or as Approved.
depth and thickness.....	<u>Flat Keel plate</u>	
ilding and thickness.....	<u>Rounded bow and</u>	
ST, do. do.	<u>Rounded stern as</u>	
A x D* Table 22	<u>per plan.</u>	
Main Piece, diameter at head		
" " heel		

how constructed no rudder fitted

ider be unshipped afloat? —

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
gles, <u>For</u> Bars, amidships.....	4	3	36	4	3	36
peaks <u>Swims</u>	4	3	36	4	3	36
ames from centre to centre, amidships.....	20			20		
" " " in peaks.....	20			20		
FRAME , Angles, amidships.....	2	2	24	2	2	24
" " " in peaks.....	<u>single frames</u>					
depth of girder	4			4		
pth and thickness of Floor Plate} <u>Channel</u> <u>Channel</u>						
at mid line for $\frac{3}{4}$ length amidships... } <u>floors</u> <u>floors</u>						
ickness at the ends of vessel	<u>7 x 2 3/4 x 2 3/4</u>	<u>7 x 2 3/4 x 2 3/4</u>				
pth at $\frac{3}{4}$ the half breadth, as per Rule.	<u>x 32 x 44</u>	<u>x 32 x 44</u>				
ight extended at the Bilges						
er Deck , Single Angle, Bulb Angle, } <u>3</u> <u>3</u> <u>40</u> <u>3</u> <u>3</u> <u>40</u>						
Plate or Tee Bulb } <u>4</u> <u>3</u> <u>36</u> <u>4</u> <u>3</u> <u>36</u>						
<u>in fore and after Swims</u> } <u>A</u> <u>4</u> <u>3</u> <u>36</u> <u>4</u> <u>3</u> <u>36</u>						
gles on Upper Edge						
verage space	20			20		
ond or Lower Deck , Plate, Tee } ✓						
Bulb or Channel						
gles on Upper Edge						
verage space						
rd or Orlop Deck , Plate, Tee } ✓						
Bulb or Channel						
gles on Upper Edge.....						
verage space						
p Deck , Angle, Bulb Angle, Plate, } ✓						
tee Bulb or Channel						
gles on Upper Edge.....						
verage space						
lge Deck , Angle, Bulb Angle, } ✓						
Plate, Tee Bulb or Channel						
gles on Upper Edge.....						
verage space						
castle Deck , Single Angle, Bulb } ✓						
ngle, Plate, Tee Bulb or Channel } ✓						
gles on Upper Edge.....						
verage space						
tween Decks , Size and spacing. <u>diagonal</u> <u>diagonal</u>						
Hold " " <u>tie & pillars</u> <u>tie & pillars</u>						
arter , 'tween Dks. " " <u>2 1/2 x 2 1/2 x 32</u> <u>2 1/2 x 2 1/2 x 32</u>						
" " <u>in Holds</u> <u>2 1/2 x 2 1/2 x 32</u> <u>2 1/2 x 2 1/2 x 32</u>						
" " <u>Number and spacing</u>	<u>none fitted</u>					
" " <u>Breadth and thickness</u>						
" " <u>No. of Side Stringers, breadth and thickness</u>						
" " <u>Size of Face Angles to Web Frames</u>						

PARTIAL BULKHEADS, as per Sketch, page 147, No.

BRACKET PLATES to Stringers between Web Frames, Depth and Thickness

KEELSONS AND STRINGERS.

KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON , <u>over floor</u> <u>Vertical Plate above</u>						
<u>keel bar</u> <u>Through Plate, or Intercoastal Plate</u>	<u>4 3/4</u>	<u>2 3/8</u>	<u>40</u>	<u>4 3/4</u>	<u>2 3/8</u>	<u>40</u>
" <u>Rider Plate</u>						
" <u>Flat Keel Plate Angles</u>						
" <u>Horizontal Plates above floors</u>						
" <u>Angles or Bulb Angles</u>						
SIDE KEELSONS , Number.....						
" " <u>Angles or Bulb Angles</u>						
" " <u>Plate above floors for</u> lng.						
" " <u>Intercoastal Plate for</u> lng.						
" <u>Attached to outside Plating with Angle</u>						
BILGE KEELSON , Angles or Bulb Angles.....						
" " <u>Plate above floors for</u> lng.						
" " <u>Intercoastal Plates for</u> lng.						
" <u>Attached to outside Plating with Angle</u>						
SIDE STRINGERS , Number.....						
" " <u>Angle</u>						
" " <u>Intercoastal Plates for</u> lng.						
" <u>Attached to outside Plating with Angle</u>						
Upper Deck Stringer Plate , breadth and thickness.....	<u>30 x 44</u>			<u>30 x 36</u>		
" <u>Angle on ditto</u> <u>flanged plate</u>	<u>4 x 4 x 40</u>			<u>4 x 4 x 40</u>		
" <u>Tie Plates, fore and aft, outside Hatchways</u>						
" <u>Diagonal Tie Plates, No. of Prs.</u>						
" <u>Main Dk.</u> <u>Iron or Steel for on fore</u> <u>40</u> <u>36</u>						
" <u>Wood Deck, Material and thickness</u>						
Second or lower Deck Stringer Plate , breadth and thickness.....						
<u>Is the Stringer Plate attached to the Outside Plating?</u>						
" <u>Angles on ditto, No.</u>						
" <u>Tie Plates, outside Hatchways</u>						
" <u>Diagonal Tie Plates, No. of Prs.</u>						
" <u>Deck, Material and thickness</u>						
Third or Orlop Deck Stringer Plate						
<u>Is the Stringer Plate attached to the Outside Plating?</u>						
" <u>Angles on ditto, No.</u>						
" <u>Tie Plates, outside Hatchways</u>						
Poop Deck Stringer Plate , breadth & thickness.....						
" <u>Angle on ditto</u>						
" <u>Tie Plates</u>						
" <u>Deck, Material and thickness</u>						
Bridge Deck Stringer Plate , breadth & thickness.....						
" <u>Angle on ditto</u>						
" <u>Tie Plates</u>						
" <u>Deck, Material and thickness</u>						
Forecastle Deck Stringer Plate , brdth & thknss.....						
" <u>Angle on ditto</u>						
" <u>Tie Plates</u>						
" <u>Deck, Material and thickness</u>						

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

BULKHEADS.	Number.	Thickness.	STIFFENERS.	Single or Double Frames.	Height up.
In Vessel.	Per Rule.	Inches.	Horizontal.	Vertical.	Spacing.
			Inches.	Inches.	Inches.
<u>non</u>					
W.T. BULKHEADS <u>2</u>		<u>26</u>		<u>3 x 2 1/2 x 32</u>	<u>20 single dk</u>
COLLISION "					
PARTITION "					

Are the outside Plates doubled two spaces of Frames in length? No doubling fitted

Form 10. Write "Sheertrale" opposite its corresponding letter.

PLATING.										RIVETING.									
AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.									
STRAKES.	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.			
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing or to cr.		Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	For what Length.		
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches.	Inches.	Feet.		
Flat Keelplate	65	.38	.38	.38	.38	.38	single	2 1/2	5/8	3	II whole	5/8	2 3/4			5	1 1/2		
Keels (Riveting)	63	.38	.38	.38	.38	.38	"	2 1/2	5/8	3	II "	5/8	2 3/4			5	1 1/2		
GARBOARD OR A Strake	45	.38	.38	.38	.38	.38	"	2 1/2	5/8	3	II "	5/8	2 3/4			5	1 1/2		
B "	49	.50	.50	.50	.50	.50					II "	5/8	2 7/8	10	60				
sheer- C "																			
D "																			
E "																			
F "																			
G "																			
H "																			
J "																			
K "																			
L "																			
M "																			
N "																			
POOP OR R. Q. DK. SIDES																			
SHORT BRIDGE SIDES																			
FORECASTLE SIDES																			
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, outside Plating, &c.?										Upper Deck Stringer Plate Butts, treble riveted for whole length amidship. Straps, single, double or overlapped for whole length amidship.									
Plates: Thyssen & Co. A.G. Muelheim-Ruhr.										Butts of Side Stringers riveted.									
Profile: Aug. Thyssen-Lütte, Hamborn.										Butts of Tie Plates riveted.									
Has the Steel been tested as required by the Rules? Tested locally as per Sec letter M 30-7-24										Centre Girder Butts, riveted. Keelsons Butts, riveted.									
FRAMES extend in one length from 2 feet on floor to Deck.										Frames, riveted through Plates with 5/8 in. Rivets, about 6" apart.									
REVERSED FRAMES on floors and frames extend from floor middle line to deck and to alternately.										Rivets, state whether of Iron or Steel steel.									
MASTS AND SPARS.										RIGGING.									
MASTS, &c.		MATERIAL.	Total Length.	DIAMETER AND THICKNESS AT-				No. of Plates in Round.	ANGLES.		RIVETING.		MATERIAL.	SHROUDS.		STAYS.			
				Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.		No.	Size.	No.	Size.		
			Feet. Ins.	Ins.	Ins.	Ins.	Ins.	No.	No.	Inches.				Ins.	Ins.	Ins.	Ins.		
LOWER MASTS		Fore																	
		Main																	
		Mizen																	
		Jigger																	
BOWSPRIT																			
TOPMASTS		Fore																	
		Main																	
		Mizen																	
		Jigger																	
YARDS.		Fore			At Centre		At Ends												
LOWER YARDS		Main			"		"												
		Crossjack			"		"												
		Jigger			"		"												
FORE		Upper			"		"												
MAIN		Lower			"		"												
MIZEN		Upper			"		"												
JIGGER		Lower			"		"	</											

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

London M. 8/A; 21/5 & 30/7; D 26/8 - 1924. M 18/9 - 24.

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.*

to plate, &c., conform well to each other? *Yes.*

from the faying surfaces? *Yes.*

Do the holes for riveting plate to frames, butt straps, or plate

Are the rivet holes well and sufficiently countersunk in the plate and punched

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 or lapped? *Yes, satisfactory.*

Have all upper and weather decks been tested as required by Rules (Sec. 26, par 20)? *Yes.* State results of test *good.*

Have all gutterways been tested as required by Rules (Sec. 26, par. 20)? *Yes.* State results of test *good.*

General Remarks (State quality of workmanship, &c.)

The Workmanship was found good and the vessel has been built in accordance with the approved plan and with the instructions contained in Secretary's letters referred to above and in general conformity with the Society's Rules.

The approved plan of the vessel has been sent herewith.

A letter has been received from the Builders stating that the steel used in the construction of this vessel has been manufactured by the Siemens Martin process at works recognised by the Committee.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., F'castle ✓ ft.
(in feet and tenths). 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 dk.*

Official No. ; Signal Letters

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

Order for Special Survey No. *676*

Date *15-8-1924*

Order for Ordinary Survey No.

Date

No. *231* in builder's yard.

DATES of Surveys held while building as per Section 18.

- 1st. On the several parts of the frame, when in place, and before the plating was wrought
- 2nd. On the plating during the process of riveting
- 3rd. When the decks were in and fastened, and before the decks were laid
- 4th. When the ship was complete, and before the plating was finally coated or cemented
- 5th. After the ship was launched and equipped

15/7; 31/7; 4/8; 15/8; 21/8; 29/8; 5/9; 15/9-1924

Total No. of Visits *8.*

as per Secretary's letter M 8.4.24 = £12-12-0

The amount of Entry Fee £

Special Survey Fee..... £ *151.20*

Travelling Expenses, if any £ *8.00*

Fees applied for,

8 OCT 1924

Received by me,

7 OCT 24

Certificate to be sent to Owners (if fee is paid by them)

10/11/24

I am of opinion this Vessel should be Classed *A- "Swim Barge" For Service on the River Thames*

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

Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRI. 26 SEP 1924*

Character assigned

A- Swim Barge For Service on the River Thames