

With or Without Disconnected Erections.

STEEL STEAMER.

FRI. 22 SEP. 1922

Received at London Office

Date of completion of report
Survey held at

14th September 22 Port of Rotterdam
Date, First Survey 1920-8th July Last Survey 9th September 1922

No. 12510

On the (State if Single, Twin, or Triple Screw)

Steel Screw Steamer "TENBERGEN"

Rig Schooner

TONNAGE under
Tonnage Deck
Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk. 4126.15
Do. of Poop
Do. of R.Q.Dk.
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Dk.
Do. of excess of Hatchways
Do. above Crown of Engine Room
Gross Tonnage 4440.74
Less Crew Space
Less above Crown of Engine Room
TONNAGE FOR FEES
Less Engine Room
Less Navigation Spaces

CLASS 100 A1
Breadth (greatest moulded) 50.
Depth, at middle of length from top of keel to top of upper deck beams at side 29.
Transverse Number 79.
Length on deck from fore part of stem to after part of stern post 385.
Longitudinal Number 30415.
Depth "d," at middle of length (See Secs. 2 & 13) 17.5
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.27
Long Bridge Deck Beam at side to top of keel 10.54

Master V.
Year of appointment (1) As Master in service of owner of present vessel—10
(2) As Master of this vessel—19
Built at Lobith.
When built 1920/1922—**Launched** 30th July 1921.
By whom built N.V. Lobithsche Scheepbouwmaatschappij
Owners N.V. Fumess-Scheepv.
Managers (Where necessary to be entered in Reg. Book)
Residence Rotterdam.
Port belonging to Rotterdam.

ster Tonnage 2401.64
ut on Beam

If Surveyed while Building, Afloat, or in Dry Dock Building

NGTH on Deck 385.
BREADTH Moulded 50.
DEPTH, ACTUAL—Top of Beams to top of Upper Dk. Beams 26.6.
Do. do. do. do. Second Dk. Beams
Moulded depth, ft. 36 ins. 6 To Bridge Dk. Round of Upper Dk. Beam, Actual 12¹/₂ ins.
Moulded depth, ft. 29 ins. 0 To Upper Dk. Dk. Beam, Actual

FRAMING.				PILLARS.			
ME, Angles, or Bars amidships	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS In 'tween Deck, size and spacing	Inches in Ship	Inches in Ship	Inches in Ship
o. in peaks	9 ¹ / ₂	3 ¹ / ₂	52	" " Hold	3" x 51	3"	51
o. in way of Double Bottoms at Solid Floors	3 ¹ / ₂	3 ¹ / ₂	42	" " Quarter 'tween Dks.,	Steel BH. 30 Stiffened as on profile	4 frames 3 ¹ / ₂ "	4 frames
" " at intermdt. Bkts	3 ¹ / ₂	3 ¹ / ₂	42	" " in Hold	5 ¹ / ₄ "	5 ¹ / ₄ "	" "
ing of Frames from centre to centre amidships	25 ¹ / ₂	25 ¹ / ₂	25 ¹ / ₂	KEELSONS & STRINGERS.			
" " length to Collision bulkhead	24	24	24	CENTRE LINE KEELSON , Vertical Plate above floors, Through Plate, or Intercoastal Plate	8mm all fore and aft.		
VERSED FRAME , Angles	3 ¹ / ₂	3 ¹ / ₂	40	" " Rider Plate			
o. in way of Double Bottoms at Solid Floors	3 ¹ / ₂	3 ¹ / ₂	40	" " Flat Plate Keel Angles			
" " at intermdt. Bkts	3	3	40	" " Horizontal Plates on Floors			
AMING , depth of girder	3 ¹ / ₂	3 ¹ / ₂	40	" " Angles or Bulb Angles			
DOORS , depth and thickness of Floor Plate at mid-line for 1/4 length amidships	3 ¹ / ₂	3 ¹ / ₂	40	SIDE KEELSONS , Number			
in way of Engine and Boiler Spaces	3 ¹ / ₂	3 ¹ / ₂	40	" " Angles or Bulb Angles			
thickness at the ends of vessel	3 ¹ / ₂	3 ¹ / ₂	40	" " Plate above floors, for length			
depth at 1/4 the half breadth, as per Rule	3 ¹ / ₂	3 ¹ / ₂	40	" " Intercoastal Plate, for length			
height extended at the Bilges	3 ¹ / ₂	3 ¹ / ₂	40	" " Attached to outside Plating with Angle			
DOORS in Cell. Double Bottoms	40/36	40/36	40/36	BILGE KEELSON , Angles			
state if flanged (top & bottom) on top as on profile not forward	40/36	40/36	40/36	" " Intercoastal Plate for length			
Spacing of Solid floors as approved on profile	40/36	40/36	40/36	" " Attached to outside Plating with Angle			
NTRE GIRDER , in Dbl. bottom, dpth. & thcknss	42	50/40	42	SIDE STRINGERS , Number	Planting Stringers fixed as on the approved plan.		
" " Angles, Top Single	5	5	60	" " Angle			
" " Bottom Double	4 ¹ / ₂	4 ¹ / ₂	60	" " Intercoastal Plate, for length	plan.		
" " to Floors Single	5	5	50	" " Attached to outside plating with Angle			
Brackets at intermdt. frmng., wdth & thcknss	38	40	38	Upper Deck Stringer Plate , br'dth & thickness Doubled at bulkhead (clear of Bridge)	56	60	56
DE GIRDERS , number on each side & thickness	40	38	40	" " " " (br'dth & thickness in way of Bridge)	56	46	56
" " state if flanged (top and bottom)	40	38	40	" " " " Angle (clear of Bridge)	5x5	64	5x5
" " Angles (top and bottom)	3 ¹ / ₂	3 ¹ / ₂	40	" " Tie Plate at sides of Hatchways			
" " to Floors	3	3	40	" " Deck. Iron or Steel, for 1/4 lng.	42/32	42/32	42/32
RGIN PLATE , depth (exclusive of flange) and thickness	34	46	34	" " Thickness (clear of Bridge)	40-36/34	40-36/34	40-36/34
" " Angle to Outside Plating	3 ¹ / ₂	3 ¹ / ₂	46	" " " " (in way of Bridge)	40-36/34	40-36/34	40-36/34
" " Floors See plan	5	5	52	" " Wood Deck. Material & thickness	46-46/42	46-46/42	46-46/42
Brackets at intermdt. frmng., wdth & thcknss	38	40	38	" " Angles on ditto, No. 2	3 ¹ / ₂ x 3 ¹ / ₂ x 46	3 ¹ / ₂ x 3 ¹ / ₂ x 46	3 ¹ / ₂ x 3 ¹ / ₂ x 46
Height of Outside Brackets above at bilge	2-11"	2-11"	2-11"	" " Tie Plates outside Hatchways			
VER BOTTOM PLATING , breadth and thickness of Middle Line Strake	60	48/38	60	" " Deck. Iron or Steel, for 1/4 lng.	36-30	36-30	36-30
" " in Engine and Boiler space	48/56	48/56	48/56	" " Wood Deck. Material & thickness	36-30	36-30	36-30
" " Remainder in Holds	40/34	40/34	40/34	Third Deck Stringer Plate , br'dth & thickness			
AMS, Upper Deck , Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 ¹ / ₂	9	" " Angles on ditto, No.			
in way of Long Bridge See Dk. plans	25 ¹ / ₂	25 ¹ / ₂	25 ¹ / ₂	" " Tie Plates, outside Hatchways			
Spacing	25 ¹ / ₂	25 ¹ / ₂	25 ¹ / ₂	" " Deck. Material and thickness			
AMS, Second Deck , Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	10	3 ¹ / ₂	10	Fourth and Fifth Deck Stringer Plate , breadth & thickness			
Spacing	25 ¹ / ₂	25 ¹ / ₂	25 ¹ / ₂	" " Angles on ditto, No.			
AMS, Third and Fourth Deck , Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	10	3 ¹ / ₂	10	" " Tie Plates outside Hatchways			
Angles on upper edge	25 ¹ / ₂	25 ¹ / ₂	25 ¹ / ₂	" " Deck. Material & thickness			
Spacing	25 ¹ / ₂	25 ¹ / ₂	25 ¹ / ₂	Poop Deck Stringer Plate , breadth & thickness	34	34	34
AMS, Poop Deck , Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4	3 ¹ / ₂	4	" " Angle on ditto	3 ¹ / ₂ x 3 ¹ / ₂	34	3 ¹ / ₂ x 3 ¹ / ₂
Angles on upper edge	25 ¹ / ₂	25 ¹ / ₂	25 ¹ / ₂	" " Tie Plates	30	30	30
Spacing	25 ¹ / ₂	25 ¹ / ₂	25 ¹ / ₂	" " Deck. Material and thickness	9.9 fine	9.9 fine	9.9 fine
AMS, Bridge Deck , Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4	3	4	Bridge Deck Stringer Plate , br'dth & thickness	52	54	52
Angles on upper edge	25 ¹ / ₂	25 ¹ / ₂	25 ¹ / ₂	" " Angle on ditto	5x5	68	5x5
Spacing	25 ¹ / ₂	25 ¹ / ₂	25 ¹ / ₂	" " Tie Plates	40/36	40/36	40/36
EAMS, Forecastle Deck , Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 ¹ / ₂	9	" " Deck. Material and thickness	34	34	34
Angles on upper edge	25 ¹ / ₂	25 ¹ / ₂	25 ¹ / ₂	Forecastle Deck Stringer Plate , br'dth & th'kns	34	34	34
Spacing	25 ¹ / ₂	25 ¹ / ₂	25 ¹ / ₂	" " Angle on ditto	3 ¹ / ₂ x 3 ¹ / ₂	34	3 ¹ / ₂ x 3 ¹ / ₂
	25 ¹ / ₂	25 ¹ / ₂	25 ¹ / ₂	" " Tie Plates	30	30	30
	25 ¹ / ₂	25 ¹ / ₂	25 ¹ / ₂	" " Deck. Material and thickness	3	3	3

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is used thereon.

W 540 0024 1/2

EQUIPMENT No. 2200/3480.				ANCHORS.				TONNAGE U.D.K. OR PLATING NO. FOR TRAWLERS.								
Number of Certificate.		Anchors.		WEIGHT BY STOCK.		WEIGHT OF STOCK.		TEST PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 21.		Description of Anchor.	Makers.	Where and when tested and Supplied.		
No.		No.		Owts. qrs. lbs.	Owts. qrs. lbs.	Tons. cwt. qrs. lbs.	Owts. qrs. lbs.	Owts. qrs. lbs.	Owts. qrs. lbs.	Owts. qrs. lbs.						
33493	1st Bower	61	0 0	60	0 0	48 17 2 0	60	60	60	60	Britannia Cast Steel	Sylva & Co	Cradley Heath	12/2-20		
33544	2nd "	59	0 14	"	"	47 15 10 0	60	60	60	60	Huddell's	"	"	5/2-20		
32819	3rd "	52	1 10	"	"	43 17 0 21	50	50	50	50	"	"	"	3/10-19		
82357	4th "	112	2 0	"	"	"	"	140	2	0	"	"	"	H. Reem		
33526	Stream	16	2 6	4	1 0	17 18 1 21	16	2	0	0	Ordinary.	"	Netherton	9/10-19		
	Kedge	7	0 0	1	3 8	9 9 0 21	7	0	0	0	"	"	Cradley Heath	3/2-20 J.C. Paul		
Particulars of Test of Chain Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.																
CHAIN CABLES.																
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 21.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Breaking Load.	Length and Size per Table 21.	
No.		Length.	Diam.	State Break- tory. ing.	Supplied.	Per Rule.	Length.	Diam.	Fathoms.	Inches.				Tons.	Length.	Inches.
29073		240	2 1/2	86 1/2	120 3/4	645-5-0	240	2 1/2	16	2 1/2	Slack ?	Cradley Heath	TOWLINE	120	4 1/2	4 1/2
		90	4 3/4	4 1/2 wire	664-3-14		90	4 3/4	16	2	wire	J.C. Paul	HAWSESWAYS	2x 90 1/8	2x 90 1/8	2x 90 1/8
Boats																
Pumps, Number																
Windlass is																
Engine Room Skylights.—How constructed?																
Coal Bunker Openings.—How constructed?																
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.																
Ceiling in Holds, thickness and material																
Cargo Hatchways.—How formed?																
State size No. 1 Hatch (Forward)																
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch																
Bulwarks, height above deck and description																
The foregoing is a correct description.																
Builder's Signature (here only)																
Steering Gear, Steam																
Diameter of Barrel																
State whether they are in efficient working order																
Steering Gear, Hand																
Capstan																
What arrangements for deadlights in bad weather? I had lids.																
Height above deck?																
Cargoes, thickness and material																
Hatches, if strong and efficient?																
No. 2 Hatch																
No. 3 Hatch																
No. 4 Hatch																
Main Rail, material and size																
Surveyor's Signature																
Surgeon to Lloyd's Register of Shipping																
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case).																
Workmanship. Are the butts of plating planed or otherwise fitted?																
Are the rivets work properly closed?																
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?																
State results of tests.																
General Remarks (State quality of workmanship, &c.)																
The workmanship was found good and the has been built in accordance with the approved plans. Secretary's Letters referred to above and in general conformity with Society's Rules.																
Plans of this vessel have been retained in London etc.																
Wires fitted. Radio Holland.																
From Tonnage = 4440.74.																
Exempted Tonnage = 818.22.																
Tonnage fee = 5258.96																
Letter vessel is S.S. Franzenburg																
Rotterdam report 11673-																
S/S. Alchiba " 11394.																
The Surveyor should state the Number of Report and Name of any Sister Vessel.																
Plans to be forwarded with F.E. Report showing vessel as built.																
The amount of Entry Fee																
Special Survey Fee																
Travelling Expenses, if any £																
Fees applied for,																
Received by me,																
Certificate to be sent to																
Date of issue																
State whether the Vessel has been built under Special Survey																
I am of opinion this Vessel should be Classed																
With, or without Freeboard, as condition of Class																
Committee's Minute																
Character assigned																
FRI. 6 OCT. 1922																
+ 100A 1 m																
Lloyd's arch.																
Date of build 1.22																
+ Lmb. 9.22 b.d.																

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 31.25 ft., R.Q.D. ✓ ft., Bridge 241.25 ft., Forecastle 16.9 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 a should appear in the Register Book) 2 Dks. Steel. State if Machinery is fitted aft no Official No. ; Signal Letters Outside Paint How are the surfaces preserved from oxidation? Inside Cement and Paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>123.25</u>	<u>290</u>	Fore peak tank,	<u>20'</u>	<u>106</u>
Double bottom, under Engines and Boilers,			After peak tank,	<u>16'</u>	<u>50</u>
Double bottom, if under Engines only,	<u>23.3</u>	<u>84</u>	Deep tank, aft,		
Double bottom, if under Boilers only, <u>Dry tank tested</u>	<u>17.0</u>		Deep tank, forward,		
Double bottom, forward,	<u>170.0</u>	<u>508</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>882</u>	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 616 Date 24/5-20 No. 188 in builder's yard. Lobell Ford Dates of Surveys held while building 1920- 8-28/4 - 10-31/8 - 28/9 - 20/10 - 9-22-26/11 - 1921- 5-26/1 - 18/2 - 14-25/3 - 1-6/4 - 10/5 - 16/6 - 1-29-30/7 - 14/8 - 22/9 - 4/10 - 9/11 - 18/11 - 25/11 - 29/12 - 1922- 4-9-16/1 - 6-8-9-14-18/2 - 16/3 - 12/8 - 9/9 - State whether the above have been tested as required by the Rules yes and by Total No. of Visits 39

Surveyor's Signature P. Cresswellburg

