

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office

MON. JUN 14 1920

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

Yes

Date of completion of report 7th of June 1920
Survey held at Bolnes

Port of Rotterdam

Date, First Survey Dec 6th 1917

Last Survey

No. 11204
May 15th 1920

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

steel single screw steamer

"MERAK"

Rig Schooner

TONNAGE under 2743.07

CLASS 100 A 1

FEET.

Master H. A. van Heukelen

Year of appointment

(1) As Master in service of owner of present vessel—191
(2) As Master of this vessel—1920

Tonnage Deck 2743.07

Do. between Tonnage Dk. and 3rd and 4th Dk. 86.05

Total under Upper Dk. 2743.07

Do. of Poop 86.05

Do. of R.Q.Dk. 21.44

Do. of Forecastle 144.70

Do. of Houses on Dk. 18.74

Do. of excess of Hatchways 3014.00

Do. above Crown of Engine Room 156.17

Gross Tonnage 2857.83

Less Crew Space 964.48

Less above Crown of Engine Room 36.05

TONNAGE FOR FEES 1799.85

Less Engine Room 57.45

Less Navigation Spaces 1799.85

Register Tonnage as out on Beam

Breadth (greatest moulded) 47.00

Depth, at middle of length from top of keel to top of upper deck beams at side 24.16

Transverse Number 71.16

Length on deck from fore part of stem to after part of stern post 325.00

Longitudinal Number 23127

Depth "d" at middle of length (See Secs. 2 & 13) 20.11

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.45

" " Long Bridge Deck Beam at side to top of keel 10.11

Destined Voyage

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

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
325	0		47	0		21	10	4	11	3

Moulded depth, ft. 32 ins. 2 To Bridge Dk. Round of Upper Dk. Beam, Actual 11 3/4 ins.
Moulded depth, ft. 24 ins. 2 To Upper Dk. Dk. Beam, Actual

FRAMING.				PILLARS.			
Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
IE, Angles, or Bars amidships	9 1/2	3 1/2	5 1/2	9 1/2	3 1/2	5 1/2	9 1/2
in peaks	6	4	4 1/2	5 1/2	3 1/2	3 1/2	3 1/2
in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
at intermdt. Bkts.	5	3 1/2	4 1/2	5	3 1/2	4 1/2	5
of Frames from centre to centre amidships	24 1/2		24 1/2				
length to Collision bulkhead	24		24				
in peaks	3	3	3 1/2	3	3	3 1/2	3 1/2
in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
at intermdt. Bkts.	4	3	3 1/2	4	3	3 1/2	4
depth of girder							
depth and thickness of Floor Plate at mid-line for length amidships							
in way of Engine and Boiler Spaces							
thickness at the ends of vessel							
depth at 1/2 the half breadth, as per Rule							
eight extended at the Bilges							
S in Cell. Double Bottoms	39	36	39	36	39	36	39
state if flanged (top & bottom)	not flanged						
Spacing of Solid floors	49		49				
EGIRDER, in Dbl. bottom, dpth. & thknss.	39	48	38	39	48	38	39
Angles, Top	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	4 1/2
Bottom	4	4	5 1/2	4	4	5 1/2	4
to Floors	5 1/2	5 1/2	5 1/2				
Brackets at intermdt. frmg., wdth & thknss	1 1/2	3 1/2	3 1/2	1 1/2	3 1/2	3 1/2	3 1/2
ORDERS, number on each side & thickness	two	34	two	34			
state if flanged (top and bottom)	not flanged						
Angles (top and bottom)	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
to Floors	3	3	3 1/2	3	3	3 1/2	3 1/2
PLATE, depth (exclusive of flange) and thickness	39	42	31	42			
Angle to Outside Plating	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	4 1/2
Floors	5 1/2	3 1/2	5 1/2				
Brackets at intermdt. frmg., wdth & thknss	1 1/2	3 1/2	3 1/2	1 1/2	3 1/2	3 1/2	3 1/2
Height of Outside Brackets above at bilge	3 1/8		3 1/8				
BOTTOM PLATING, breadth and thickness of Middle Line Strake	39	44	39	44	36	32	36
in Engine and Boiler space	E.S. 44	B.S. 52	E.S. 44	B.S. 52			
Remainder in Holds	36	32	36	32			
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	50	9	3 1/2	50	9
In way of Long Bridge	8	3 1/2	44	8	3 1/2	44	8
Spacing	24 1/2		24 1/2				
Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
Spacing							
Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
Angles on upper edge							
Spacing							
Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3	40	7	3	40	7
Angles on upper edge							
Spacing	24 1/2	24	24 1/2	24			
Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3 1/2	44	8	3 1/2	44	8
Angles on upper edge							
Spacing	24 1/2		24 1/2				
Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3 1/2	44	8	3 1/2	44	8
Angles on upper edge							
Spacing	24 1/2	24	24 1/2	24			

PILLARS.				KEELSONS & STRINGERS.			
Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
PILLARS In 'tween Deck, size and spacing	2 7/8	49	2 7/8	49			
" " Hold							
" " Quarter 'tween Dks.							
" " in Hold							
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate							
Rider Plate							
Flat Plate Keel Angles							
Horizontal Plates on Floors							
Angles or Bulb Angles							
SIDE KEELSONS, Number							
Angles or Bulb Angles							
Plate above floors, for length							
Intercoastal Plate, for length							
Attached to outside Plating with Angle							
BILGE KEELSON, Angles							
Intercoastal Plate for length							
Attached to outside Plating with Angle							
SIDE STRINGERS, Number							
Angle							
Intercoastal Plate, for length							
Attached to outside plating with Angle							
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	60	60	40	54	60	40	40
" " " " br'dth & thickness (in way of Bridge)	40	40	40	40	40	40	40
" " " " Angle (clear of Bridge)	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
" " " " Tie Plate at sides of Hatchways							
Deck * Iron or Steel, for full length							
Thickness (clear of Bridge)							
" " " " (in way of Bridge)							
Wood Deck. Material & thickness							
Second Deck Stringer Plate, br'dth & thickness							
Angles on ditto, No.							
Tie Plates outside Hatchways							
Deck * Iron or Steel, for full length							
Wood Deck. Material & thickness							
Third Deck Stringer Plate, br'dth & thickness							
Angles on ditto, No.							
Tie Plates, outside Hatchways							
Deck * Material and thickness							
Fourth and Fifth Deck Stringer Plate, br'dth & thickness							
Angles on ditto, No.							
Tie Plates outside Hatchways							
Deck. Material & thickness							
Poop Deck Stringer Plate, breadth & thickness	36	32	31	32			
Angle on ditto	3	3	3	3			
Tie Plates	12	32	8	32			
Deck. Material and thickness							
Bridge Deck Stringer Plate, br'dth & thickness	48	52	48	52			
Angle on ditto	4 1/2	4 1/2	4 1/2	4 1/2			
Tie Plates	40		40				
Deck. Material and thickness							
Forecastle Deck Stringer Plate, br'dth & th'kns	39	32	31	32			
Angle on ditto	3	3	3	3			
Tie Plates							
Deck. Material and thickness							

If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon

WEB FRAMES. WEB-FRAMES, In Fore Body, No. and spacing. WEB-FRAMES, In E. & B. Space, No. and spacing. WEB-FRAMES, In After Body, No. and spacing. BULKHEADS. W.T. BULKHEADS. PARTITION. LONGITUDINAL. PLATING. STRAKES. BUTTS. RIVETING. MASTS, SPARS, &c.

EQUIPMENT No. 24880 LETTER V. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear, Steam. Steering Gear, Hand. Pumps. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks. Correspondence. Workmanship. Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks. The Workmanship was found good 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. Tonnage for fees as per page 1 - 2857.83. Budget space exempted - 720.00. Actual tonnage for fees - 3577.83. The amount of Entry Fee. Special Survey Fee. Travelling Expenses. 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. Lloyd's A.C.P. + L.M.O. 5:20

Writing Report 1/1

Survey held
Book.

on the 1/1

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Horse Power as per

INES, &c.—

of Cylinders 1 1/2

screw shaft fitted

propeller boss

in the bearings in

are fitted, is the s

Tunnel shaft as fitted

11 5/8" Dia. of s

Feed pumps 2

Bilge pumps 2

Donkey Engines

Engine Room 6 in.

of 2 1/2" dia

Bilge Injections 1

the bilge suction pipes

connections with the

they fixed sufficiently high

they each fitted with a D

pipes are carried thro

all Pipes, Cocks, Valves

the Bilge Suction Pipes

Screw Shaft Tunnel

ERS, &c.—(Let

Heating Surface of

ing Pressure 10

each boiler be worked s

boiler 2 Spring lo

distance between boiler

ees 1 1/2" Range of

beams Double butt strap

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compensating ring 1

of plain part top

bottom

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of stays to ditto: Sides

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ial 1 1/2" Thickness

at smallest part 5.94

ess 3/4" Material of

ter of tubes 3/4" Pito

across wide water

ess of girder at centre

ing pressure by rules

ter Thickness

of rivets

HEATER. Typ

Test

er of Safety Valve

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 26.4 ft., R.Q.D. 1 ft., Bridge 106.2 ft., Forecastle 10 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Poop and Bridge disconnected.*

No. and Material of Decks (if ~~Iron~~ Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given should appear in the Register Book) *One steel Dk.*

Official No. : Signal Letters

State if Machinery is fitted aft *amidships*

How are the surfaces preserved from oxidation? Inside *Cement and Paint*

Outside *Paint.*

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	94.	243	Fore peak tank,	18.	
Double bottom, under Engines and Boilers,	18.4	55	After peak tank,	20.	
Double bottom, if under Engines only,	20.4		Deep tank, aft,		
Double bottom, if under Boilers only, <i>Dry tanks.</i>	145.	398	Deep tank, forward,		
Double bottom, forward,	41.8	696	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 tested*

Order for Special Survey No. 533

Date 9-11-1917

No. 116 in builder's yard.

DATES of Surveys held while building

6/12-1917; 21/2; 11-30/4; 19/4; 8/8; 11/12-1918;
24/1; 3/4; 9-23/5; 23-27/6; 10-15/7; 6-22/8; 3-25/9; 3-11-18/10;
17/11; 10-13-22/12-1919; 12-21/1; 5-21-27-28/2; 5-8-10-11-30/3;
22/4; 11-14-15/5-1920.

Surveyor's Signature



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Total No. of Visits

Lloyd's Register
Foundation