

3 Decks, Shelter dk.

IRON OR STEEL STEAMER.

Received at London 8 APR 1909

Date of completion of report

6th April 1909

Port of

Dunkirk

No. 1347

Survey held at

Dunkirk

Date, First Survey

15th May 1908

Last Survey

19.09

On the

Shelter decked steel screw steamer

"Engine Gross"

Rig fore & aft schooner 3 masts

THREE DECKED VESSEL.

Master

TONNAGE under

3273.75

Tonnage Deck...

Do. between Tonnage Dk. (

and 3rd and 4th Dk.)

Total under Upper Dk.

Do. of Poop

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

Less Crew Space

Less above Crown of

Engine Room ...

TONNAGE FOR FEES..

Less Engine Room

Less Navigation Spaces

CLASS 100 A 1

FEET.

Half Breadth (moulded)

23.0

Depth from upper part of Keel to top of Upper Deck Beams

28.98

(with the normal round up of beam)

Girth of Half Midship Frame (as per Rule)

48.58

100.56

deduct 7 feet.....

7.0

1st Number

93.56

Length on deck from after part of stem to fore part of

346.16

stern post

32386

2nd Number

7.53

Proportions—Breadth to Length

11.9

Depth to Length—Upper Deck to top of Keel

18.9

Main Deck ditto

18.9

Year of appointment

(1) As Master in service of owner of present vessel—19
(2) As Master of this vessel—19

Built at

Dunkirk

When built

1908-9 Launched 26th Dec. 1908

By whom built

Ateliers Chantiers de France

Owners

C^{ie} havraise péninsulaire de

Managers

Navigation à vapeur

Residence

Havre

Port belonging to

Havre

If Surveyed while Building Afloat, or in Dry Dock

yes

on Beam

3012.11

on Deck

Rule

Feet. Inches.

346 2

BREADTH—

Moulded

Feet. Inches.

46 0

DEPTH, ACTUAL—

Top of Floors to top of Upper Dk. Beams

Feet. Inches.

25 6 1/2

Do. do. do. do. Main Dk. Beams

Feet. Inches.

14 10 1/2

No. of Decks with flat laid

3

No. of Tiers of Beams

3

Round of Upper Dk. Beam, Actual

11 1/2 ins.

Length 346' 3" breadth 46' 2" depth 25' 2" Moulded depth, ft. 28 ins. 0 To Upper Dk.

FRAMING.

	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.
E, Angles, or L or L Bars for 1/2 length amidships	6 1/2	3 1/2	12	6 1/2	3 1/2	12		
or 1/2 at each end	6 1/2	3 1/2	11	6 1/2	3 1/2	11		
in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	9	3 1/2	3 1/2	9		
at intermdt. Bkts.								
of Frames from centre to centre	24			24				
FRAMED FRAME, Angles								
FRAMING, depth of girder	41		8	41		8		
RS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships			10			10		
in way of Engines and Boilers space (first)			8			8		
thickness at the ends of vessel	3.5			3.5				
depth at 1/2 the half breadth, as per Rule	5.6			5.6				
height extended at the Bilges								
RS & BRACKETS in Cell Dble Bottoms								
state if flanged (top & bottom)	not flanged			not flanged				
Spacing	24			24				
RE GIRDER, in Double bottom, depth and thickness	41	10-8		41	10-8			
Angles, Top	4	4	9	4	4	9		
Bottom	4 3/8	4 3/8	12	4 3/8	4 3/8	12		
GIRDERS, number on each side & thickness	1 girder @ 8			1 girder @ 7				
state if flanged (top and bottom)	not flanged			not flanged				
Angles	3 1/2	3 1/2	8	3 1/2	3 1/2	8		
GIN PLATE, depth (exclusive of flange) and thickness	30	9		30	9			
Angles to Outside Plating	4	4	9	4	4	9		
Floors	3 1/2	3 1/2	8	3 1/2	3 1/2	8		
Height of Floors at the Bilges	30			30				
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	63	10-8		63	10-8			
in Engine and Boiler space		12			11			
Remainder in Holds	8-7			8-7				
MS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb Channels	7	3	9	7	3	9		
Angles on upper edge								
Spacing	24			24				
MS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb Channels	7	3	9	7	3	9		
Angles on upper edge								
Spacing	24			24				
MS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb Channels	9 1/2	3 1/2	8	10	3 1/2	8		
Angles on upper edge								
Spacing	24			24				
MS, Hold, or Orlop, Plate or Tee Bulb								
Angles on upper edge								
Spacing								
MS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb Channels	7	3	9	7	3	9		
Angles on upper edge								
Spacing	48			48				
MS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb Channels	7 1/2	3 1/2	10	8	3 1/2	9		
Angles on upper edge								
Spacing	48			48				
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb Channels	7 1/2	3 1/2	9	8	3 1/2	9		
Angles on upper edge								
Spacing	48			48				
PILLARS, in 'tween Deck, size and spacing	2 1/2	diam @ 48"	2 1/2	diam @ 48"				
Hold								
Lower Quarter 'tween Dks.,	diam. 11"	10/20"	diam. 11"	10/20"				
in Hold	16"	12/20"	16"	12/20"				
WEB-FRAMES, in Fore Body, No. and spacing	10		144"	10		144"		
breadth & thickness	18"		9-8	18"		9-8		
No. of Side Stringers	2			2				
WEB-FRAMES, in E. & B. Space, No. and spacing	5		98"	5		98"		
breadth & thickness	18"		9	18"		9		
WEB-FRAMES, in After Body, No. and spacing	7		144"	7		144"		
breadth & thickness	18"		9-8	18"		9-8		
No. of Side Stringers	2			2				
Size of Angles or Tee Bars to Web-Frames	5 1/2	5 1/2	13.5	5 1/2	5 1/2	13.5		
BRACKET PLATES to Stringers between Web Frames, depth and thickness								

FORGINGS OR CASTINGS.

	Inches in Ship.	Inches per Rule Or as Approved.
KEEL, Bar or Side Plates, depth and thickness	11 x 2 3/8	11 x 2 3/8
STEM, moulding and thickness	11 x 6 3/8	11 x 6 3/8
STERN-POST for Rudder do. do.	11 x 6 3/8	11 x 6 3/8
for Propeller	9	9
MAIN PIECE of Rudder, diameter at head	6 1/2	6 1/2
do. at heel	6 1/2	6 1/2
RUDDER, how constructed	single plate rudder	
Can the Rudder be unshipped afloat?	yes	
KEELSONS & STRINGERS.		
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate		
Rider Plate		
Bulb Plate to Intercoastal Keelson		
Horizontal Plates on Floors		
Angles		
SIDE KEELSON, Angles		
Bulb or Plate above floors, for length		
Intercoastal Plate, for length		
Attached to outside Plating with Angle		
BILGE KEELSON, Angles		
Bulb or Plate above floors, for length		
Intercoastal Plate, for length		
Attached to outside Plating with Angle		
BILGE STRINGER Angles		
Bulb Plate for length		
Intercoastal Plate for length		
Attached to outside Plating with Angle		
SIDE STRINGER Angles	6" flange	6" flange
Bulb or Intercoastal Plate, for length	11	11-10 1/2
Attached to outside plating with Angle	2 1/2	2 1/2
Upper Deck Stringer Plates, br'dth & thickness	58 x 3/8 x 40 x 3/8	58 x 3/8 x 40 x 3/8
Angle on ditto	4 x 4 x 3/8	4 x 4 x 3/8
Tie Plates, outside Hatchways	1 1/2 x 3/8	1 1/2 x 3/8
Deck * Iron or Steel, for whole length	no wood	no wood
Wood Deck, Material & thickness	no wood	no wood
Middle Deck Stringer Plate, br'dth & thickness	84 x 3/8 x 40 x 3/8	84 x 3/8 x 40 x 3/8
Angles on ditto, No.	4 x 4 x 3/8	4 x 4 x 3/8
Tie Plates outside Hatchways	1 1/2 x 3/8	1 1/2 x 3/8
Diagonal Tie Plates, No. of pairs	9-8	9-8
Deck * Iron or Steel, for whole length	no wood	no wood
Wood Deck, Material & thickness	no wood	no wood
Lower Deck Stringer Plate, br'dth & thickness	89 x 3/8 x 40 x 3/8	89 x 3/8 x 40 x 3/8
Angles on ditto, No.	4 x 4 x 3/8	4 x 4 x 3/8
Tie Plates, outside Hatchways	1 1/2 x 3/8	1 1/2 x 3/8
Deck * Material and thickness, complete steel	no wood	no wood
Hold, or Orlop Stringer Plate, br'dth & thckn's		
Angles on ditto, No.		
Tie Plates outside Hatchways		
Deck, Material and thickness		
Poop Deck Stringer Plate, breadth & thickness	34	34
Angle on ditto	3 1/2 x 3 1/2	3 1/2 x 3 1/2
Tie Plates	15	15
Deck, Material and thickness	3" pitch pine	3" pitch pine
Bridge Deck Stringer Plate, br'dth & thickness	51	51
Angle on ditto	4 1/2 x 4 1/2	4 1/2 x 4 1/2
Tie Plates, complete steel deck	7	7
Deck, Material and thickness	3 1/2" pitch pine	3 1/2" pitch pine
Forecastle Deck Stringer Plate, br'dth & th'kns	34	34
Angle on ditto	3 1/2 x 3 1/2	3 1/2 x 3 1/2
Tie Plates, complete steel deck	6	6
Deck, Material and thickness	wood 3" p.p.	wood 3" p.p.

* 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.
	Vessel.	Per Rule.	Horizontal.	Vertical.	
			Size.	Spacing.	
			Inches.	Inches.	
W. T. BULKHEADS	6	6	1 1/2 x 3/8	30"	to double or as specified
PARTITION	1	1	1 1/2 x 3/8	30"	single or as specified
LONGITUDINAL					
Are the outside Plates doubled two spaces of Frames in length?	no				
Are the Sluice Valves and Watertight Doors in efficient working order?	yes				

PLATING.

STRAKES.

AS IN SHIP.

PER RULE OR AS APPROVED.

EDGES.

BUTTS.

FLAT PLATE KEEL

GARBOARD OF A Strake

B

C

D

E

F

G

H

J

K

L

M

N

O

P

Q

R

S

DOUBLING of Flat Plate Keel

Length and thickness of Bilges

Length and thickness of Sheerstrakes

Length and thickness of Strake below

POOP SIDES

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, Plating, &c.?

Has the Steel been tested as required by the Rules?

FRAMES extend in one length from

REVERSED FRAMES on floors and frames extend from

MASTS, SPARS, &c.

LOWER MASTS

Bowspit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds

Sails

EQUIPMENT No.

ANCHORS.

CHAIN CABLES.

HAWSERS AND WARPS.

Boats

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

The above is a correct description.

Builder's Signature

Boats

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

The above is a correct description.

Builder's Signature

Boats

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

The above is a correct description.

Builder's Signature

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) M : 23rd April 08
21st April 1908; 8th May 1908; 28th May 1908; E 4th June 1908. Special survey and examination 18th May 08.

Workmanship. Are the butts of plating planed or otherwise fitted? planed
Is the riveted work properly closed? yes
Are the liners between the frames and plates solid single pieces? yes Do the holes for riveting plate to frames, butt straps, or plate
to plate, &c., conform well to each other? yes Are the rivet holes well and sufficiently countersunk in the plate and punched
from the faying surfaces? yes Do any rivets break into or through the seams or butts of the plating? no
Are the butts of Plating, Stringers, &c., properly shifted and strapped? yes
Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par. 24)? yes State results of tests decks watertight
Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? yes State results of tests watertight

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

The material used in the vessel is very good and the workmanship throughout the vessel has been executed to my satisfaction.
Mr. Maers, one of the Principal Surveyors, has come over to the yard to inspect the steamer while building, several times.

The following approved plans used for the building are sent with this report: by same post:
No 4343 - Midship section - 4344 Longitudinal section 4342 Rudder & stern frame.
4401 - Watertight bulkhead 39 - 4367 - Hatch coaming - 4350 - tank top plating
4433 - pumping arrangement.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 38 ft., R.Q.D. or Break — ft., Bridge Dk. 104 ft., F'castle 34 ft. 17
(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 as it should appear in the Register Book) 3 complete steel decks, 3 tiers of beams

Official No. ; Signal Letters State if Machinery is fitted aft no
How are the surfaces preserved from oxidation? Inside Paint & cement Outside Paint & cement & anti-fouling comp.

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	90	207	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,	14	24
Double bottom, if under Engines only,	36	77	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	146	352	Other tanks, if fitted,		
Total capacity of double bottom		636	(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

Order for Special Survey No. 13

Date 13th May 08

No. 56 in builder's yard

Dates of Surveys held while building

1908. May 15th, 26th; June 3rd, 17th, 29th; August 6th, 17th, 21st, 22nd, 29th,
September 3rd, 12th, 18th, 22nd, 27th; October 1st, 7th, 12th, 16th, 21st, 30th, 31st;
November 4th, 11th, 12th, 19th, 24th, 30th; December 2nd, 7th, 11th, 12th, 15th,
18th, 21st, 22nd, 24th, 26th, 30th; 1909 January 2nd, 5th, 11th, 14th, 19th, 25th, 26th.
Total No. of Visits 46

The amount of Entry Fee £ 5 : 0 : 0

Special Survey Fee £ 140 : 3 : 0

Travelling Expenses, if any £ 0 : 10 : 0

Fees applied for,

6th April 1909

Received by me,

6th April 1909

Certificates to be sent to this office.

State whether the Vessel has been built under Special Survey yes

I am of opinion this Vessel should be Classed

* 100A 1 *Pinetank*

With, or without Freeboard, as condition of Class

with freeboard

Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

FRL 23 APR 1909

Character assigned

100A1
Shelter dk with fbr 1.2.2

ALCP

thmc 4.09

Cert. issued 22/4/09.



© 2020

Lloyd's Register
Foundation

11623-0204