

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office: 19 FEB 1921

Date of completion of report
Survey held at

Lowestoft

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

Port of

Swansea

No. 84041

Date, First Survey

9th Sept 1919

Last Survey

27th January

1921

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

Single screw steamer "Emlynion"

Rig

TONNAGE under

454.27

CLASS T100 A-1

FEET.

Master

Year of appointment

Tonnage Deck

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of R.O.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

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Breadth (greatest moulded)

27.5

Depth, at middle of length from top of keel to top of

13.33

upper deck beams at side

Transverse Number

40.83

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

177.16

stern post

Longitudinal Number

7233.4

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

14.83

Proportions—Depth to Length—Upper Deck Beam at

13.38

side to top of keel

" Long Bridge Deck

Beam at side to top of keel

"

Destined Voyage

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

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	
177 2		27 6		Do. do.		do. do.		14 10 12 10		me	
Moulded depth, ft.		ins.		To Bridge Dk.		Round of Upper Dk. Beam, Actual		6 1/2		ins.	
Moulded depth, ft.		ins.		To Upper Dk.							
Dimensions of Ship per Register, Length breadth depth											
FRAMING.				PILLARS.				Inches. In Ship. Inches. Spacing in Ship. Inches. per Rule. Or as Approved.			
FRAME, Angles, E L amidships				PILLARS In 'tween Deck, size and spacing				3 3/8 44 3 3/8 44			
Do. in peaks				" " Hold "Channels"				12 3 1/2 3 1/2 50 for approved.			
Do. in way of Double Bottoms at Solid Floors				" Quarter 'tween Dks., "				3 1/2 44 3 1/2 44			
Do. at intermdt. Bkts.				" in Hold "							
Spacing of Frames from centre to centre amidships				KEELSONS & STRINGERS.				Inches. In Ship. Inches. Spacing in Ship. Inches. per Rule. Or as Approved.			
" " " " from 1/2 }				CENTRE LINE KEELSON, Vertical Plate, or Intercoastal Plate				36 3/4 36 3/4			
" " " " length to Collision bulkhead				" Rider Plate							
" " " " in peaks				" Flat Plate Keel Angles							
REVERSED FRAME, Angles 4 3 38				" Horizontal Plates on Floors				7 3 40 6 1/2 3 40			
Do. in way of Double Bottoms at Solid Floors				" Angles Bulb Angles Double				7 3 40 5 1/2 3 44			
Do. at intermdt. Bkts.				SIDE KEELSONS, Number one in Engine Room							
FRAMING, depth of girder				" Angles Bulb Angles				7 3 40 5 1/2 3 44			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships				" Plate above floors, for length							
" in way of Engine and Boiler Spaces				" Intercoastal Plate, for length				32 32			
" thickness at the ends of vessel				" Attached to outside Plating with Angle				3 3 32 3 3 32			
" depth at 1/2 the half breadth, as per Rule				BILGE KEELSON, Angles 4 3 34				4 3 34 4 3 34			
" height extended at the Bilges				" Intercoastal Plate for length				32 32			
FLOORS in Cell. Double Bottoms				" Attached to outside Plating with Angle							
" state if flanged (top & bottom)				SIDE STRINGERS, Number one				4 3 34 4 3 34			
" Spacing of Solid floors				" Angle				4 3 34 4 3 34			
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.				" Intercoastal Plate, for length				3 3 34 3 3 34			
" Angles, Top				" Attached to outside Plating with Angle				3 3 34 3 3 34			
" Bottom				Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)				55 50-32 55 50-32			
" to Floors				" " " " br'dth & thickness (in way of Bridge)				3 1/2 x 3 1/2 48 3 1/2 x 3 1/2 48			
Brackets at intermdt. frmg., width & thknss				" Angle (clear of Bridge)							
SIDE GIRDERS, number on each side & thickness				" Tie Plate at sides of Hatchways							
" state if flanged (top and bottom)				" Deck * Steel, for Whole lng.				32 32			
" Angles (top and bottom)				" Thickness (clear of Bridge)							
" Floors				" (in way of Bridge)							
MARGIN PLATE, (exclusive of flange) and thickness				" Wood Deck, Material & thickness				54 42-32 54 42-32			
" Angle to Outside Plating				R. Quarter Deck Stringer Plate, br'dth & thickness				3 x 3 40 3 x 3 4			
" Floors				" Angles on ditto, No.							
Brackets at intermdt. frmg., width & thknss				" Tie Plates outside Hatchways							
Height of Outside Brackets above at bilge				" Deck * Iron or Steel, for Whole lng.				38-32 38-32			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				" Wood Deck, Material & thickness							
" in Engine and Boiler space				Third Deck Stringer Plate, br'dth & thickness							
" Remainder in Holds				" Angles on ditto, No.							
BEAMS, Upper Deck, Single Angle, 5 3 34				" Tie Plates, outside Hatchways							
" " " " " "				" Deck * Material and thickness							
" " " " " "				Fourth and Fifth Deck Stringer Plate, breadth & thickness							
" " " " " "				" Angles on ditto, No.							
" " " " " "				" Tie Plates outside Hatchways							
" " " " " "				" Deck, Material & thickness							
" " " " " "				POOP Deck Stringer Plate, breadth & thickness							
" " " " " "				" Angle on ditto							
" " " " " "				" Tie Plates							
" " " " " "				" Deck, Material and thickness							
" " " " " "				Bridge Deck Stringer Plate, br'dth & thickness				60 25 60 25			
" " " " " "				" Angle on ditto				3 x 3 25 3 x 3 25			
" " " " " "				" Tie Plates							
" " " " " "				" Deck, Material and thickness Steel				25 25 5 x 2 1/2 5 x 2 1/2			
" " " " " "				Forecastle Deck Stringer Plate, br'dth & thickness				16 26 16 26			
" " " " " "				" Angle on ditto				3 x 3 26 3 x 3 26			
" " " " " "				" Tie Plates				26 26 5 x 2 1/2 5 x 2 1/2			
" " " " " "				" Deck, Material and thickness P.P. one				5 x 2 1/2 5 x 2 1/2			
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WEB FRAMES.

WEB-FRAMES, In Hold, No. and spacing
brdth. & thickness
No. of Side Stringers
WEB-FRAMES, In E. & B. Space, No. and spacing
brdth. & thickness
WEB-FRAMES, In After Body, No. and spacing
brdth. & thickness
No. of Side Stringers
Size of Face Angles to Web-Frames
BRACKET PLATES to Stringers between
Web Frames, depth and thickness

BULKHEADS.

W.T. BULKHEADS
No. 5 FRAME
31
32
COLLISION
PARTITION
LONGITUDINAL

FORGINGS or CASTINGS.

KEEL, Bar, depth and thickness
STEM, moulding and thickness
STERN-POST for Rudder do. do.
for Propeller
RUDDER, Table 22. Speed
Main-Piece, diameter at head
at heel

RUDDER, how constructed
Thickness of Single Plate
Can the Rudder be unshipped afloat?
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?

PLATING.

STRAKES
FLAT PLATE KEEL
GARBOARD OF A STRAKE
B
C
D
E
F
G
H
J
K
L
M
N
O
P
Q
R
S
T
U
V
W

RIVETING.

EDGES, except Red.
BUTTS.
IF LAPPED.

MASTS, SPARS, &c.

LOWER MASTS
Bowsprit
Topmasts, Yards and Remainder of Spars
Rigging, Material and Size, Shrouds
Sails

EQUIPMENT No. 27027

LETTER

ANCHORS.

TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS

Number of Certificate

Number of Anchors

Weight, Ex. Stock

Weight of Stock

Test, Per Certificate

WRIGHT REQUIRED BY

Description of Anchor

Makers

Where and when tested and Superintendent

Particulars of Drop Test of Cast Steel Anchors, viz.:
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

CHAIN CABLES.

HAWSERS AND WARPS.

Boats

Pumps, Number

Windlass

Engine Room Skylights

Coal Bunker Openings

Ceiling in Holds, thickness and material

Cargo Hatchways

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 enter)

Correspondence

Workmanship

Is the riveted work properly closed?

Are the liners between the frames and plates solid single pieces?

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

from the facing surfaces?

Are the butts of Plating, Stringers, &c., properly shifted and strapped?

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 (State quality of workmanship, &c.)

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

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.R.

+ LMC 2.21

A.E. Farminer

Surveyor to Lloyd's Register of Shipping.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 113.8 ft., Bridge 12.83 ft., Forecastle 22.5 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 as it should appear in the Register Book) *One deck steel.*

Official No. ✓ ; Signal Letters ✓

State if Machinery is fitted aft. *Yes*

How are the surfaces preserved from oxidation? Inside *Cement paint*

Outside *Paint.*

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,	51.3	96	Fore peak tank,	16.5	85
Double bottom, under Engines and Boilers,			After peak tank,	9.16	35
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	51.3	76	Other tanks, if fitted,		
	Total capacity of double bottom	172	(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.

Date

No. 502 in builder's yard.

DATES of Surveys held while building

1919: Sep 9. Nov. 19. 28 Dec. 12. 17. 31 1920: Jan 21 Feb 12. Mar 5. 14. Apr 6. 16. 22 May 14. 17. 24 June 2. 5. 10. 14. 19 21 July 1. 13. 14. 21. Sept 6. Oct 6. 19. Nov. 4. 30. Dec. 1. 6. 15. 21. 23. 30 1921: Jan 6. 11. 14. 24

Total No. of Visits 41

Surveyor's Signature

A. E. Larminier

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