

*State if Report is sent on the Machinery of the Vessel.*

Breadth 46 0  
Depth 23.2  
Draught Moulded 21.8 3/4 of keel  
afloat in dry dock.

1m.3.28. T.



PILLARS AND DECKS.							
	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
<b>PILLARS.</b> No. of Rows.....		-		Stringer Plate, breadth and thickness in way of Bridge .....		/	
" in 'tween Decks, Size and Spacing....		-		Thickness of Plating abreast Deck openings) in way of Wells .....		/	
" " " " "				Thickness of Plating abreast Deck openings) in way of Bridge .....		/	
" in Holds " "				Thickness of Plating within line of openings..		/	
" " " " "				If Sheathed, material and thickness .....		/	
<b>Centre Line Bulkhead.</b>				<b>Third Deck.</b>			
Stiffeners and Spacing.....				Stringer Plate, breadth and thickness.....		/	
Plating, thickness of .....				If Plated, state thickness.....		/	
<b>STRINGERS AND DECKS.</b>				<b>Fourth Deck.</b>			
<b>Uppermost Continuous Deck.</b>				Stringer Plate, breadth and thickness.....		/	
Stringer Plate, breadth and thickness in Wells	52	x-56		If Plated, state thickness .....		/	
" " " " in way of Bridge	52	x-46		<b>Poop Deck.</b>			
" Angle in Wells .....	6	6 x 56		Stringer Plate, breadth and thickness .....	32	'32	
Thickness of Plating abreast Deck openings) in way of Wells .....	56	-60		Plating, Sheathing, material and thickness ...		30	
Thickness of Plating abreast Deck openings) in way of Bridge .....	35			<b>Bridge Deck.</b>			
Thickness of Plating within line of openings..	35			Stringer Plate, breadth and thickness.....	49	x-52	
If Sheathed, material and thickness .....	✓	✓ ✓		Plating, Sheathing, material and thickness ...		35	
<b>Second Deck.</b>				<b>Forecastle Deck.</b>			
Stringer Plate, breadth and thickness in Wells... ✓				Stringer Plate, breadth and thickness.....	32	'32	
				Plating, Sheathing, material and thickness ...		50 30	

SCANTLINGS.					ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.		EDGES. State if joggled? <i>no.</i>			RIVETING.			
STRAKES.	AS IN VESSEL.						SINGLE OR DOUBLE.			No. of ROWS OF RIVETS.	BUTTS.		STRAPPED OR LAPPED.
	AMIDSHIPS.		FORWARD.	AFT.			RIVETS.	Diam.	Spacing or, to cr. inches.		RIVETS.		
	Breadth.	Thickness.	Thickness.	Thickness.							Diam.	Spacing or, to cr. inches.	
	Inches.	Inches.	Inches.	Inches.									
FLAT PLATE KEEL .....	<i>45</i>	<i>90</i>	<i>64</i>	<i>64</i>		<i>Double</i>	<i>1</i>	<i>4</i>	<i>4</i>	<i>1 7/8-1"</i>	<i>4</i>	<i>Lapped</i>	
„ DELG. (if any)		<i>-</i>					<i>-</i>				<i>✓</i>		
BOTTOM PLATING, No. of Strakes .....	<i>20</i>	<i>56</i>	<i>42</i>	<i>42</i>		<i>Double</i>	<i>7/8</i>	<i>3 1/2</i>	<i>3</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Lapped.</i>	
BIDGE PLATING, No. of Strakes .....	<i>8</i>	<i>56</i>	<i>42</i>	<i>42</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
SIDE PLATING, No. of Strakes .....	<i>8</i>	<i>56</i>	<i>42</i>	<i>42</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
UPPER DECK, Sheer-strake in Wells.....	<i>66</i>	<i>80</i>	<i>42</i>	<i>42</i>		<i>"</i>	<i>1</i>	<i>4</i>	<i>4</i>	<i>1</i>	<i>4</i>	<i>"</i>	
UPPER DECK, Sheer-strake in Bridge ...	<i>72"</i>	<i>56</i>				<i>"</i>	<i>7/8</i>	<i>3 1/2</i>	<i>3</i>	<i>7/8</i>	<i>3 1/2</i>	<i>"</i>	
STRAKE BELOW Sheer-strake in Wells.....	<i>38</i>	<i>56</i>	<i>42</i>	<i>42</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
STRAKE BELOW Sheer-strake in Bridge ...	<i>32</i>	<i>56</i>	<i>42</i>	<i>42</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
POOP SIDE PLATING .....				<i>36</i>		<i>Single</i>	<i>3/4</i>	<i>3</i>	<i>2</i>	<i>3/4</i>	<i>2 7/8</i>	<i>"</i>	
BOW SHEER-STRAKE	<i>42"</i>	<i>64</i>				<i>Double</i>	<i>7/8</i>	<i>3 1/2</i>	<i>4</i>	<i>7/8</i>	<i>3 1/2</i>	<i>"</i>	
BRIDGE SIDE PLATING ...	<i>52 1/2</i>	<i>60</i>				<i>"</i>	<i>"</i>	<i>"</i>	<i>3</i>	<i>"</i>	<i>"</i>	<i>"</i>	
FORECASTLE SIDE PLATING			<i>38</i>			<i>Single</i>	<i>3/4</i>	<i>3</i>	<i>2</i>	<i>3/4</i>	<i>2 7/8</i>	<i>"</i>	

**Total No. of W.T. BULKHEADS in Vessel—** 5

Extending to Upper Deck (Sec. 3 c) 5

„ Deck next below —

As per Rule 5

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....				
<b>STEM</b> .....	<i>Rolled</i>	<i>9 1/2 x 2 1/2</i>		
<b>STERN FRAME</b> { Propeller Post .....	<i>29</i>	<i>9 1/2 x 6 1/2</i>		
{ Rudder .....	<i>29</i>	<i>8 1/2 x 6 1/2</i>		
<b>RUDDER—A x D</b> .....				
<b>Speed of Vessel</b> .....				
<b>RUDDER</b> mainpiece at head ...	"	<i>8"</i>		
" " heel ...	"	<i>6"</i>		
" how constructed .....	<i>Transverse or Keyed</i>			
" <del>double</del> or single plate .....	<i>1"</i>			
" coupling, <del>vertical</del> or horizontal .....	<i>Horizontal.</i>			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Has the Steel been tested as required by the Rules?

EQUIPMENT' No.				LETTER <i>H</i>		ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 25	Description of Anchor.	Makers.	Where and when tested and Superintendant.
		Owts. qrs. lbs.	Owts. qrs. lbs.	Tons. owts. qrs. lbs.	Owts.			
24774	1st Bower ...	45 1 14		39 9 2 21	45	RYERS STOCKLESS	H. L. RYERS & Co.	SUNDERLAND 20/10/19 H. HARRER
24781	2nd " ...	45 1 7		39 9 2 21	45	" "	" " "	" 21/10/19 "
24771	3rd " ...	38 3 0		34 19 1 14	38	" "	" " "	" 18/10/19 "
	Collective weight.	129 1 21			128			
81749	Stream .....	12 1 0	3 1 13	14 1 3 14		IRON STOCK	HARGREY & SONS LTD	NETHERTON 19/6/19 H. GREEN.

Number of Certificate.	Length and size supplied.		Test per Certificate. Status- tory.	WEIGHT OF CHAIN CABLE.		Length and Size per Table E3.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table E3.	
	Length.	Diam.		Supplied.	Per Rule.						Length.	Cir.		Length.	Cir.
66211	138 $\frac{5}{6}$	1 $\frac{7}{8}$	67½	94½	255 2 21	Owts.	Fathoms.	Inch.	Iron Link, HINGELEY & SONS LTD	NETHERTON 12/10/1911	TOWLINE...	100	4 $\frac{3}{4}$ "		
66212	135 $\frac{5}{6}$	4	"	"	255 2 22				" "	" "	HAWESERS & WARPS	300 90	9"		
									" "	" "	"	300 90	8"		
Iron Stream Chain or Steel Wire	100	4 $\frac{3}{4}$	77								"				

Steering Gear, Steam *by Fastie Co.* Steering Gear, Hand *yes, 2 wheels.*  
Boats *2 Lifeboats. 494. Dinghy* Steering Chains, Size and Test *1 1/2"* Windlass *Emerson Walsen.*  
Ceiling in Holds, thickness and material *24 W.P. in Lumber. Hatchways* Cargo Battens, thickness, material and spacing *6 x 2 W.P. 12" apart*  
Cargo Hatchways.—(Upper Deck) *Four* Thickness of Hatches *3" W.P.*  
Size of No. 1 Hatchway (Forward) *26'6" x 18'0"* No. 2 *26'6" x 18'0"* No. 3 *26'6" x 18'0"* No. 4 *26'6" x 18'0"* No. 5 ☒ No. 6 ☒  
Number of Shifting Beams and/or Fore and Afters *N<sup>o</sup> 1 = 4 . N<sup>o</sup> 2 = 4 . N<sup>o</sup> 3 = 4 . N<sup>o</sup> 4 = 4*  
Builder's Signature *[Signature]*

**GENERAL DECLARATION.** It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel Yes (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo Yes The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

See Secretary's letter 5.3.29:- This vessel previously classed with the British Corporation has now been examined in dry dock and afloat for proposed classification with this Society - viz 100 A1.

Now done:- Vessel placed on high blocks in the dry dock & cleaned. Riveting and plating examined. The Holds & Lower Bunker spaces cleared & examined ceiling & sparring lifted. All oxidation removed in way & the scantlings of these parts ascertained (particulars as above). Shell plating & other parts drilled where deemed necessary. Steel surfaces afterwards recoated. A few rivets removed from shell, the countersinking & workmanship found satisfactory & the steel of which the vessel is constructed is good. The Anchors & Cables have been ranged & examined, all pins removed & found or placed in good condition. A Freeboard was assigned (see Sec letter 11.3.29)

4' 1 1/2" cubm & verified. For further particulars see attached Report 8.

The amount of Entry Fee . . . . . £ : Fees applied for.

Special Survey Fee . . . . . £ : Received by me, 19

Travelling Expenses, if any £ : 19

I am of opinion the Vessel should be Classed 100 H1 when the classification & special survey requirements are satisfactorily completed.

State whether the Vessel has been built under Special Survey. no.

Certificate to be sent to Bilbao Date of issue 21/10/2019

Signature John Needham. Surveyor to Lloyd's Register of Shipping.

*Committee's Minute*

TUE - 2 JUL 1929

*Character assigned*

*See minute on Bto Rpt 75-88-*

SO  
PE

488  
889

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GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

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

1st Bower.  
2nd "  
3rd "

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 33 ft., R.Q.D. — ft., Bridge 98 ft., Forecastle 29 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 br (Sic)

Official No. —; Signal Letters —

Is bottom of Vessel coated with cement YES if not give

particulars of composition

**PARTICULARS OF WATER BALLAST.—**

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capac Tons.
Double bottom, aft,	102	219	Fore peak tank,	19	112
Double bottom, under Engines and Boilers,	39	133	After peak tank,	23	112
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	143	384	Other tanks, if fitted,	—	—
Total capacity of double bottom		736	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. —

Date —

Dates of Surveys held while building

1929. Mar 5. 6. 7. 8. 9. 11. 11. 13.  
1929 BILBAO VISIT JUNE 12, 14, 18, 20.



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Total No. of Visits 8