

## STEEL STEAMER or MOTORSHIP.

31 AUG 1925

Received at London Office

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

26. 8. 25.

Port of

PLYMOUTH

No.

62131

Survey held at

DARTMOUTH

Date First Survey

12. 12. 24

Last Survey

26. 8. 1925

On the

(State if Machinery fitted As and if Single, Twin or Triple Screw)

Twin sc. FERRY "TYNEMOUTH"

State Type

(Full Scantling, Complete Superstructure with or without Tonnage Operation)

Full Scantling

State Type of Erection

Built at

Dartmouth

TONNAGE under Tonnage Deck

299.65

CLASS +100A.1

State if with freeboard as condition of Class

No.

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Total

299.65

Gross Tonnage

299.65

Register Tonnage

134.01

Length from fore part of stem to after part of stern

FEET.

110

Breadth (greatest)

B

34

Depth of middle of length from top of keel to top of beam

D

12.58

See Sec. 3 (1c)

1st Longitudinal Number (L x D)

=

1383.8

2nd Number (L x B x D)

=

5123.8

Framing Depth "d" at middle of length. See Sec. 3 (1d)

=

11.21

Proportions—Depth to Length—Uppermost continuous deck to top of keel

=

18.44

Do. Long Bridge to top of keel

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## FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
MES, Spacing <del>amidships</del> <i>throughout</i>	24"	✓	Bracket Floors, Frame	✓	
" " from $\frac{1}{2}$ length to Collision bulkhead	✓	✓	" " Reversed Frame	✓	
" " in peaks	✓	✓	" " Vertical Struts	✓	
E FRAMING.			Centre Girder, depth and thickness amidships	✓	
ame Amidships, Angle, $\square$ or $\square$	5 $\frac{1}{2}$ x 3 x 36	✓	" " Bottom Angles	✓	
" " Extends up to	upper deck	✓	Side Girders, No. each side and thickness	✓	
Double in Engine Space	3 x 3 x 34	✓	Margin Plate depth (excl. of flange) and thickness	✓	
versed Frame Amidships, Angle	3 x 3 x 44	✓	" " Vertical Angle to Tank side	✓	
" " Extends up to	across floors only	✓	Bracket abaft $\frac{1}{2}$ len. from stem	✓	
pth of Framing Girder	5 $\frac{1}{2}$ "	✓	" " Vertical Angle to Tank side	✓	
ames in Uppermost Continuous 'tween Decks, Angle, $\square$ or $\square$	✓	✓	Bracket forward $\frac{1}{2}$ len. from stem	✓	
" " Second 'tween Decks, Angle, $\square$ or $\square$	✓	✓	Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	✓	
" " Third " " " "	✓	✓	Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	✓	
aming in Peaks, Angle, $\square$ or $\square$	5 $\frac{1}{2}$ x 3 x 36	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
iameter and Spacing of Rivets through Frame and Shell Plating amidships	Shank 3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 36 Keel 4 $\frac{1}{2}$ x 5 $\frac{1}{2}$ x 36 between 3 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 36	✓	INNER BOTTOM PLATING.		
te if Frame Joggled	5 x 3 x 30	✓	Breadth and thickness of Middle Line Strake	✓	
ING ARRANGEMENTS (Sec. 7), state system and particulars	Double and single brackets to bulkhead & attached to breastwork	✓	Thickness of remainder in Holds	✓	
NGTHENING OF BOTTOM FORWARD. State Particulars	Deep Floors	✓	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	✓	
LE BOTTOM.			BEAMS.		
ors, Depth and thickness at mid-line in Holds	16 $\frac{1}{2}$ x 36	✓	Uppermost Continuous Deck, <del>amidships</del> <i>FORWARD OF FRAME 26</i>	5 $\frac{1}{2}$ x 3 x 36	✓
Height of Brackets at side above base line at toe of frame	16 $\frac{1}{2}$ "	✓	" " <i>AFT OF FRAME 27</i>	8 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 45	✓
ldle Line Keelson, on Floors, Angles, $\square$ or $\square$	6 x 3 $\frac{1}{2}$ x 40	✓	" " <i>in way of Bridge, Angle, <math>\square</math> or <math>\square</math></i>	24"	✓
" " " Through Plate or Intercoastal Plate	22 $\frac{1}{2}$ x 40	✓	Spacing	✓	
" " " Foundation Plate on Floors	2(12 x 40)	✓	Second Deck, amidships, Angle, $\square$ or $\square$	✓	
" " " Flat Plate Keel Angles	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 42	✓	Spacing	✓	
e Keelsons, No. each side	one	✓	Third Deck, amidships, Angle, $\square$ or $\square$	✓	
" " thickness of Intercoastal Plate	30	✓	Spacing	✓	
" " Angles	6 x 3 $\frac{1}{2}$ x 40 Double 2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x 30	✓	Fourth Deck, amidships, Angle, $\square$ or $\square$	✓	
LE BOTTOM.			Spacing	✓	
d Floors, thickness and spacing	✓	✓	Peop Deck, Angle, $\square$ or $\square$	✓	
" " Are Warped and Reversed Frame joggled?	✓	✓	Spacing	✓	
cket Floors, breadth and thickness at middle line	✓	✓	Bridge Deck, Angle, $\square$ or $\square$	✓	
" " breadth and thickness at margin plate	✓	✓	Spacing	✓	
" " Forecastle Deck, Angle, $\square$ or $\square$	✓	✓	Spacing	✓	



# 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.
PILLARS, No. of Rows.....	4 rows of 9 girders under deck			Stringer Plate, breadth and thickness in way of Bridge	✓		
	AFT STORE 2 rows 2 1/2" x 6'-0"			Thickness of Plating abreast Deck openings in way of Wells	✓		
	in "ENG. ROOM" 4 rows 2 1/2" x 4'-0"			Thickness of Plating abreast Deck openings in way of Bridge	✓		
	2 3" x 6'-0"			Thickness of Plating within line of openings...	✓		
	in Hold BOILER ROOM 2 3" x 4'-0"			If Sheathed, material and thickness	✓		
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing.....				Stringer Plate, breadth and thickness.....			
Plating, thickness of				If Plated, state thickness.....			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells 42" x 36" 6-25 ✓				If Plated, state thickness			
on SPANSON 15" x 36" 6-25 ✓				Poop Deck.			
in way of Bridge 3 1/2" x 3 1/2" x 36" ✓				Stringer Plate, breadth and thickness			
Angle in Wells				Plating, Sheathing, material and thickness			
Thickness of Plating abreast Deck openings in way of Wells 30 ✓				Bridge Deck.			
Thickness of Plating abreast Deck openings in way of Bridge 30 ✓				Stringer Plate, breadth and thickness.....			
Thickness of Plating within line of openings... 30 ✓				Plating, Sheathing, material and thickness			
If Sheathed, material and thickness 4 1/2" x 3 1/2" pitch pine ✓				Forecastle Deck.			
Second Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells... 7 1/2" x 3" Greenheart ✓				Plating, Sheathing, material and thickness			

## SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				EDGES.		BUTTS.		
	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.				State if Joggled?		RIVETS.		
	AMIDSHIPS.	FORWARD.	AFT.		SINGLE OR DOUBLE.		NO. OF ROWS OF RIVETS.	RIVETS.	STAPPED OR LAPPED.
	Breadth. Thickness.	Thickness.	Thickness.			Diam. Spacing cr. to cr.		Diam. Spacing cr. to cr.	
	Inches. Inches.	Inches. Inches.				Inches. Inches.		Inches. Inches.	
FLAT PLATE KEEL	46	36	36	✓	double	3/4 3	Three	3/4 2 1/2	Lapped.
" DBLG. (if any)									
BOTTOM PLATING, No. of Strakes	35	30	30	✓	single	5/8 2 1/2	Two	5/8 2 1/2	do.
BILGE PLATING, No. of Strakes	35	30	30	✓	single	5/8 2 1/2		5/8 2 1/2	do.
SIDE PLATING, No. of Strakes	35	30	30	✓	double	3/4 3		3/4 2 1/2	do.
UPPER DECK, Sheer-strake in Wells	40	40	40	✓	double	3/4 3	Three	3/4 2 1/2	do.
UPPER DECK, Sheer-strake in Bridge	✓								
STRAKE BELOW Sheer-strake in Wells	✓								
STRAKE BELOW Sheer-strake in Bridge	✓								
POOP SIDE PLATING	✓								
BRIDGE SIDE PLATING	✓								
FORECASTLE SIDE PLATING	✓								

## WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) 4

" Deck next below

As per Rule. 4.

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks					
" " Second					
" " at FRAME 16	34 1/2 30	5 1/2 x 36	27"	✓	✓
" " at FRAME 37	40 6 30	8 1/2 x 48	81"	✓	✓
" " Holds					
COLLISION " (in Hold)	34 1/2 30	5 1/2 x 36	25"	✓	✓
AFTER PEAK " "	34 1/2 30	4 x 36	27"	✓	✓

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			✓
STEM	Forging	5' x 2"	Walker	✓
STERN FRAME { Propeller Post	Forging	1 1/2" x 4"	Walker	✓
{ Rudder	Forging	6" dia top 3 1/2" bottom	Walker	✓
RUDDER—A x D	1/6			✓
Speed of Vessel		10 Knots		✓
RUDDER mainpiece at head		6"		✓
" " heel		3 1/2"		✓
" how constructed		built		✓
" double or single plate coupling, vertical or horizontal		single		✓

STEEL.

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

Port Talbot Steel Co. open heart

Has the Steel been tested as required by the Rules?

Yes.

Lloyd's Register Foundation



EQUIPMENT No.												LETTER		ANCHORS.	
Number of Anchors.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
40801	1st Bower ...	4	3	9	1	1	5	7	5	0	0	4 <sup>3</sup> / <sub>4</sub>	Ordinary for 1000 lbs.	Hingley	} L.P.H.C.H. 27.3.25 S.E. Paul
40802	2nd " ...	4	3	9	1	1	11	7	5	0	0	4 <sup>3</sup> / <sub>4</sub>	do.	do.	
	3rd " ...														
	Collective weight.	9 2 18										9 <sup>1</sup> / <sub>2</sub>			
	Stream														

CHAIN CABLES.														HAWSERS AND WARPS.													
Number of Cable.	Length in fms.	Diam.	Per Co. Rate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested and Superintendent.	Material.	Length and Size supplied.		Diam.	Length and Size per Table 53.		Diam.							
			Co.	Rate.	Supplied.	Per Rule.	Length.	Size.	Length.	Size.					Length.	Size.		Length.	Size.								
37/19	16	1/2"	12	30	8	2	0	1/65	30	1"	Short Link	Hingley	LPH. CH. 13.3.25	HAWSERS & WARPS	120	6"	-	-	-								
37/20	102	1/2"	12	34	8	2	26	1/65					S.E. Paul	"	"	"	"	"	"								
														"													
														"													

Steering Gear, Hand *Dunkin* 2cyls 5" x 6"  
 Steering Chains, Size and Test *1/2" - see letter*  
 Windlass *Hand - Emerson*  
 Cargo Batches, thickness, material and spacing  
 Thickness of Hatches  
 Hatchways. (Upper Deck)  
 No. 1 Hatchway (Forward) No. 2 No. 3 No. 4 No. 5 No. 6  
 Number of Shifting Beams and/or Fore and Afters

FOR PHILIP & SON, LIMITED.

Builder's Signature

Secretary

GENERAL DECLARATION *The materials and workmanship are good.*  
*This vessel has been built under special survey in accordance with the Rules and approved plans and as per instructions in Secretary's letters. All tests required by Rules have been satisfactorily carried out and the vessel is, in my opinion, suitable for classification with record +100A.1-8.25, for River Purpose.*

The amount of Entry Fee ..... £ *3: 0: 0*  
 Special Survey Fee .... £ *30: 0: 0*  
 Travelling Expenses, if any £ *16-0-0*

Fees applied for, *19.8.25*  
 Received by me, *21.8.25*  
 Yes. *Yes*

I am of opinion the Vessel should be Classed *+100A1 for River Purpose.*

State whether the Vessel has been built under Special Survey

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Philip & Son*

Date of issue *1.9.25*

Committee's Minute

Character assigned

TUES. 1 SEP 1925

*+100A1*  
*for River Purps. only*

*Lloyd's Arch + Lmb. 8.25 Cl.*

*Write Note*  
*[Signature]*



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Lloyd's Register Foundation

0026 2/2



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 plan of the Plans should be embodied.)

This vessel is not a duplicate of a previous case.

The following letter from The Secretary refers to this vessel.

Addressed to	Date	Subject
Surveyor	11. 11. 24	Midship section & Profile
Philip & Son	28. 11. 24	do. (amended)
Surveyor	29. 12. 24	Bulkhead
do.	8. 1. 25	Engine Seating
do.	12. 1. 25	A frame & Boring
do.	14. 1. 25	Profile & Deck
do.	21. 1. 25, 28. 1. 25,	Pumping Arrangement
do.	14. 2. 25	Pillaring
do.	30. 1. 25, 7. 2. 25	Stern frame & Rudder
do.	10. 2. 25, 25. 2. 25	do.
do.	3. 3. 25	
Philip & Son	10. 3. 25	

The following plans are forwarded:

Engine Seating  
Amended Midship Section  
Rudder & Stern frame  
Profile & Deck  
Bulkhead  
Midship Section  
Pumping Arrangement  
Pillaring  
General Arrangement

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

1st Bower  
2nd "  
3rd "

Forged Iron Anchors

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 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) 1-8H

Is bottom of Vessel coated with cement Yes if not

Official No. 139906 ; Signal Letters

particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		

Total capacity of double bottom

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

Order for Special Survey No. 243

Date

29. 1. 25

Dates of Surveys held while building

1924. Dec. 22, 12, 1925 Jan. 26, 9, 16 Feb. 29, 13, 16, 20 Mar. 14, 8, 16, 30  
Apr. 14, 23, 29 May 12, 18, 25 June 2, 6, 12, 22 July 2, 8, 14, 20, 24  
Aug 12, 14, 20, 26

Total No. of Visits