

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

Slate if Report is sent on the Machinery of the Vessel.....yes.

Date of completion of report September 7th Port of Middlesbrough No. 13808
Survey held at Haverton Hill-on-Tees Date First Survey 1st December/28 Last Survey Sept. 4th 1929

Survey held at Haverton Hill-on-Tees. Date First Survey 1st December/28 Last Survey Sept 4th 1929.

On the (State if Machinery fitted Aft and
if Single, Twin or Triple Screw).

On the (State of Machinery fitted Aft and
if Single, Twin or Triple Screw) Single Screw Steamer OUSEBRIDGE.

State Type (Full Scantling, Complete Superstructure
with or without Tonnage Openings)

Full Scaupling

State Type of Erections. *Loop Bridge*
From 1880

TONNAGE under } 5232.14
Tonnage Deck... }

CLASS * 100 A1.

State if with freeboard } *No*
as condition of Class }

Built at Haverford Hill - on - Tees. Forecastle

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

Length from fore part of stem to after part of stern } L 405.
post on summer L.W.L. See Sec. 3 (1a) }

Launched July 23rd / 29. Yard No. 146.

Total 5232.14

Breadth (*greatest moulded*) B 55.75

Builders *Furness S. B. Co. Ltd*

Gross Tonnage 5601.48

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) } D 31.16.

Owners *North of England. S.S.C.*

Register Tonnage 3533.36

1st Longitudinal Number (L x D)..... = 12619.

Managers. Crosby Mague & Co. Ld.

(Where necessary to be entered in Reg. Book.)

2nd Numeral $L \times (B + D) \dots\dots\dots = 35198.$

Residence *West-Harplepool.*

REGISTERED DIMENSIONS.

Framing Depth "d," at middle of length. See } *26.91,*
 Sec. 3 (1d) } (*correct*)

Port of Registry *West Harlepool*

Length 406.1

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 12.99.

If surveyed while building, afloat, or in dry dock

Breadth 56.15

Do. Long Bridge to top } 10.47.
of keel }

while building & afloat.

Depth 28.60

Draught Moulded 25-10½

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.
FRAMES, Spacing amidships	3 1/2 ✓		Bracket Floors, Frame	L 7 3 1/2 33 ✓
" " from 3/4 length to Collision bulkhead.....	27 ✓		" " Reversed Frame	L 6 1/2 3 325 ✓
" " in peaks.....	24 ✓		" " Vertical Struts	L 10 x 3 1/2 x 3 1/2 x 42 ✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 x 54 ✓
Frame Amidships, Angle, [or]	15 x 44 x 4 x 4 x 62 N.B.S. ✓		" " top Angles	Double 3 1/2 3 1/2 50 ✓
" " Extends up to	Upper Deck ✓		" " bottom Angles	Double 4 4 56 ✓
Reversed Frame Amidships, Angle	✓ ✓ ✓		Side Girders, No. each side and thickness	one 40 ✓
" " Extends up to...	✓ ✓ ✓		Margin Plate depth (excl. of flange) and thickness	44 52 ✓ 39 x 52
Depth of Framing Girder	15" ✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 6 42 ✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓ ✓ ✓		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 6 42 ✓ WITH BACK BARS.
" " Second 'tween Decks, Angle, [or]	✓ ✓ ✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	6 6 42 ✓ Every frame
" " Third " " " "	✓ ✓ ✓		" " Gussets, spacing and scantling forward 1/2 len. from stem.....	6 6 42 ✓ Every frame
Framing in Peaks, Angle, [or]	8 x 3 1/2 x 38 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	82" ✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 - 5 3/4" ✓ 7/8 4 3/8" E" Shake		INNER BOTTOM PLATING.	
State if Frame Joggled	no		Breadth and thickness of Middle Line Strake ...	69 x 48 51 x 50 ✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars)	18" Plate frames + 3 Side Stringers. with three tiers of beams in Fore Peak.		Thickness of remainder in Holds	44 - 38 ✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	2 Extra 1/2 height intercostals + A, B + C Shakes midship thickness to Collision Bulk. Single frames 6 x 6 x 42		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?	yes ✓
SINGLE BOTTOM.			BEAMS.	
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	✓ ✓ ✓
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [or]	8 x 3 x 41 N.B.S. ✓
Middle Line Keelson, on Floors, Angles, [or]			" " E or [.....	8 x 3 x 39 N.B.S. 3 Row. P. ✓
" " " Through Plate or Intercostal Plate...			Spacing	3 1/2 ✓
" " " Foundation Plate on Floors			Second Deck, amidships, Angle, [or]	
" " " Flat Plate Keel Angles			Spacing	
Side Keelsons, No. each side			Third Deck, amidships, Angle, [or]	
" " thickness of Intercostal Plate...			Spacing	
" " Angles			Fourth Deck, amidships, Angle, [or]	
DOUBLE BOTTOM.			Spacing	
Solid Floors, thickness and spacing	40, 94 1/2" ✓		Poop Deck, Angle, E or [.....	8 1/2 3 36 ✓ 7 3 36 ✓
" " Are Frame and Reversed Frame joggled?.....	yes. ✓		Spacing	3 1/2 x 24 ✓
Bracket Floors, breadth and thickness at middle line	24 x 42 ✓		Bridge Deck, Angle, E or [.....	8 3 39 B.A. N.B.S. 3 Row. P. ✓
" " breadth and thickness at margin plate.....	24 x 42 ✓		Spacing	3 1/2 ✓
			Forecastle Deck, Angle, E or [.....	8 3 42 B.A. N.B.S. 3 Row. P. ✓
			Spacing	27 x 24 ✓

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.....	<i>Girders at Side of Hatch Coaming.</i>		Stringer Plate, breadth and thickness in way of Bridge	✓ ✓ ✓
„ in 'tween Decks, Size and Spacing.....	<i>2 3/4 dia in Poop & Fore & Bridge.</i>		Thickness of Plating abreast Deck openings in way of Wells	✓ ✓ ✓
„ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge	✓ ✓ ✓
„ in Holds „ „	<i>Steel Centre from division stiffened as approved & Girders at Hatch Sides.</i>		Thickness of Plating within line of openings...	✓ ✓ ✓
„ „ „ „ „			If Sheathed, material and thickness	✓ ✓ ✓
Centre Line Bulkhead. (from division)	<i>12 x 3 1/2 x 45 MBS } 63' apart.</i>		Third Deck.	
Stiffeners and Spacing.....	<i>5 to 9 x 3 x 38</i>		Stringer Plate, breadth and thickness.....	
Plating, thickness of	<i>30</i> ✓		If Plated, state thickness.....	
STRINGERS AND DECKS.			Fourth Deck.	
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	
Stringer Plate, breadth and thickness in Wells	<i>{ 78 x 67 AFT WELL ✓ 65 x 79 FOR " ✓ 1.14 AT ENDS OF BRIDGE. ✓</i>		If Plated, state thickness	
„ „ „ „ in way of Bridge	<i>74 x 40 1.14 AT ENDS OF BRIDGE. ✓</i>		Poop Deck.	
„ Angle in Wells	<i>6 x 6 x 67 1/4 ✓ 76 1/4 ✓</i>		Stringer Plate, breadth and thickness	<i>40 x 40</i> ✓ <i>36 x 34</i>
Thickness of Plating abreast Deck openings in way of Wells	<i>75</i> ✓		Plating, Sheathing, material and thickness ...	<i>40 WHERE EXPOSED 32 ✓ 30 " SHEATHED 26 ✓ 2 1/2 P.P. WHERE SHEATHED.</i>
Thickness of Plating abreast Deck openings in way of Bridge	<i>36</i> ✓		Bridge Deck.	
Thickness of Plating within line of openings...	<i>34</i> ✓		Stringer Plate, breadth and thickness.....	<i>63 x 50</i> ✓ <i>57 1/2 x 48 ✓ 84 ABREAST COAL HATCH.</i>
If Sheathed, material and thickness	✓ ✓ ✓		Plating, Sheathing, material and thickness ...	<i>50 x 48</i> ✓
Second Deck.			Forecastle Deck.	
Stringer Plate, breadth and thickness in Wells...	✓ ✓ ✓		Stringer Plate, breadth and thickness.....	<i>36 1/2 x 40</i> ✓ <i>35 x 36</i>
			Plating, Sheathing, material and thickness ...	<i>40</i> ✓ <i>34</i> ✓

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED 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	49½	79	74	74		Double	7/8	3½	Four to Three	1/8	3½		
„ DBLG. (if any)						✓	✓	✓					
BOTTOM PLATING, No. of Strakes	A 89	64	52	51		✓	7/8	3½	✓	✓	✓		
BOTTOM PLATING, No. of Strakes	B 89	64	47	50		✓	✓	✓	✓	✓	✓		
BOTTOM PLATING, No. of Strakes	C 89	64	54	47		✓	✓	✓	✓	✓	✓		
BILGE PLATING, No. of Strakes	D 78	64	52	53		✓	✓	✓	✓	✓	✓		
BILGE PLATING, No. of Strakes	E 81	64	45	47		✓	✓	✓	Three	7/8	3 1/8		
SIDE PLATING, No. of Strakes	F 77	64	45	47		✓	✓	✓	✓	✓	✓		
SIDE PLATING, No. of Strakes	G 77	64	45	46		✓	✓	✓	✓	✓	✓		
UPPER DECK, Sheer-strake in Wells	J 68	1¼ / 66	45	45		✓	✓	✓	Four to Three	7/8	3½		
UPPER DECK, Sheer-strake in Bridge	J 68	64	45	45		✓	✓	✓	✓	✓	✓		
STRAKE BELOW Sheer-strake in Wells	H 77	65 / 58	45	45		Double	7/8	3½	Three	7/8	3 1/8		
STRAKE BELOW Sheer-strake in Bridge	H 77	64	45	45		✓	✓	✓	✓	✓	✓		
POOP SIDE PLATING			38	41 at Poop Front		Single	¾	3	one	¾	2 5/8		
BRIDGE SIDE PLATING	91	62		in one plate.		Single	¾	3	Three	1/8	3 1/8		
FORE'TLE SIDE PLATING			41			Single	¾	3	one	¾	2 5/8		

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	<i>Six.</i>
Extending to Upper Deck (Sec. 3 c).....	<i>6</i>
„ Deck next below.....	<i>✓</i>
As per Rule.....	<i>Six. ✓</i>

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Flat plate Keel.			
STEM	Rolled Bar 10" x 2½" ✓			
STERN FRAME {	Propeller Post	Casting 11½" x 7½"	J. Rogerson & Co. L ^d Walsingham.	
{	Rudder "	" 9½" x 7½"	- 80 -	
RUDDER—A x D	503 . 36			
Speed of Vessel	under 10 knots			
RUDDER mainpiece at head ...	Forging	10" ✓	- 80 -	
" " heel ...	"	7½" ✓	- 80 -	
" how constructed	Arms skunked on & keyed to mainpiece			
" double or single plate	Single plate 1.08 thick ✓			
" coupling, vertical or horizontal	Horizontal ✓			

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	
	Plates:- South Durham Sections:- Cargo Fleet, Torman Long, Cousett, Frodingham. } open hearth Has the Steel been tested as required by the Rules? } basic. Yes.	

EQUIPMENT No. 37362										LETTER Z		ANCHORS.			
Number of Certificate.	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.	Cwts.			
90546	1st Bower ...	63	3	21	41	3	26	50	10	0	0	63 3/4	Stockless	H. Hingley	Netherston 27 1/2/29 H.G.
90547	2nd „ ...	64	0	21	43	0	11	50	12	2	0	63 3/4	“	“	“
90637	3rd „ ...	54	2	0	35	3	1	45	1	1	0	54 1/2	“	“	12/4/29
	Collective weight.	182	2	14	Stock							182 1/2			
90650	Stream	17	2	0	4	3	5	18	14	1	14	17 1/2	6x Stock	“	15/4/29

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		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.		Breaking Test of Steel Wire.	Length and Size per Table 53.		
	Length.	Diam.	Statu-ry.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.	Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
85324	135	2 ⁷ / ₁₆	91 ¹ / ₂	127 ¹ / ₂	348	1	3	682 ¹ / ₄	270	2 ⁷ / ₁₆	Sund. N. Hingley & Sons	Netherston H.G. 14/3/29.	TOWLINE	120	5	59	120	5	
90553	135 ⁵ / ₆	2 ⁷ / ₁₆	91 ¹ / ₂	127 ¹ / ₂	347	0	10				Link	" 21/3/29 H.G.	HAWSERS & WARPS	90	2 ³ / ₄	15.5	90	2 ³ / ₄	
					69	5	1-13								90	"	"	"	"
		Cir.								Cir.									
Iron Stream Chain or Steel Wire	90	4 ³ / ₄		47					90	4 ³ / ₄	G.S.W. Glaholm & Robson	Sunduland 30/4/29.		90	2 ¹ / ₂	12.5	"	2 ¹ / ₂	
														90	"	"	"	"	

Steering Gear, Steam Messrs Donkin & Co. Ltd. Steering Gear, Hand Blocks & Tackle led to Wheel
2 Lifeboats 26'0" (Ducet Gear)
Boats 1 Gig 16'0" Steering Chains, Size and Test Telemotor from Windlass Gunnerson Walker
1 Dinghy 14'0" Bridge
Ceiling in Holds, thickness and material 2 1/2 W.W. under Hatch Cargo Battsens, thickness, material and spacing 6'2" W.W. 9" apart.
Cargo Hatchways.—(Upper Deck) Steel Crammings 4'0" x 2'7" high. Thickness of Hatches 3" W.W.
Size of No. 1 Hatchway (Forward) 29'3" x 22'0" No. 2 34'1 1/2" x 22'0" No. 3 21'0" x 20'0" No. 4 34'1 1/2" x 22'0" No. 5 28'10 1/2" x 22'0" No. 6 ✓
Number of Shifting Beams and/or Fore and Afters Five in No. 1 & 5, Six in No. 2 & 4, Four in No. 3.

F. J. TURNER SHIPBUILDING CO. LIMITED

Builder's Signature

J. W. Govern. RB.

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel no (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo no The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the approved plans, the Secretary's letters of dates Dec/28 to July/29. and in general conformity with the Rules & Regulations for the class contemplated.

The materials and workmanship are good.

All double bottom tanks, After & Fore peak tanks, Bulkheads, Decks, Shaft Tunnel, Ash shoot, & W.T. Doors, have been tested to Rule requirements, with Satisfactory results. The assigned Freeboard has been cut on the vessel's sides & verified. The Steam Steering Gear, Windlass, & Winches have been tested under working conditions and found Satisfactory, also relieving tackle. Cargo battens are not fitted in Bridge lower decks.

The forgings reports together with plans of Midship Section, & Profile & Dks, (as built) also the approved plans mentioned overleaf are enclosed herewith.

The amount of Entry Fee £ 9 : - : - Fees applied for,
Special Survey Fee.... £ 340 : 0 : 6 9 left 1929
Freeboard 10 : 1 : 8 Received by me,
Travelling Expenses, if any £ : ✓ : 1.11.29

I am of opinion the Vessel should be Classed * 100 A 1.

State whether the Vessel has been built under Special Survey

H. M.

Certificate to be sent to Middlesbrough Date of issue 1/11/29

Signature

John A. Stoker.

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 13 SEP 1929

Character assigned

100A1

Lloyds' arch

thurs 9. 29

write m

JA. CL



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Lloyd's Register Foundation

W66-0047(2/12)

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.)

Approved plans enclosed!—Midship Section⁽²⁾, Profile & Decks, Stern Frame & Rudder (2 copies), Girders & Girders, modification to Hatch Side Girders, Tunnel stiffening, Shell plating at Bridge ends, Girding stringers & Flats, Upper & lower plating at aft end of Bridge, Upper & lower plating at fore end of Bridge, Tank knees & Gussel plates, Tank side brackets in upper hold, Pillar on 98 frame, Auxiliary Skerping arrangement, Openings in shell in way of Bag³ valves, Keel riveting, Shell bottom riveting, Shell side riveting, Scheme of riveting, Quadrant & Tiller, Fore & after end framing.

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

1st Bower	38-0-22	K.H.	5992	30/11/28.
2nd "	39-1-18	K.H.	5993	"
3rd "	33-0-6	K.H.	5994	"

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop $33\frac{1}{2}$ ft., R.Q.D. ☒ ft., Bridge $260\frac{1}{2}$ ft., Forecastle $39\frac{1}{2}$ 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 SK. (SHL)**

Official No. **160762**; Signal Letters ☒
particulars of composition ☒

Is bottom of Vessel coated with cement **Yes in Bld. Rm.** if not give Tanks & Seams, Flats only elsewhere.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	110.25	423	Fore peak tank,	20.5	88
Double bottom, under Engines and Boilers, FEED WATER	26.25	130	After peak tank,	14.0	117
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only, Day Tank			Deep tank, forward,		
Double bottom, forward,	187.87	812	Other tanks, if fitted,		
	Total capacity of double bottom	1365	(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. **1447**

Date **21st Dec/28**

Dates of Surveys held while building

1928: Dec 1, 8, 20, 27. 1929: Jan 3, 4, 9, 14, 17, 25, 29. Feb 4, 7, 12, 15, 20, 25. Mar 6, 11, 13, 14, 15, 18, 20, 21, 22, 25, 26. Apr 2, 5, 8, 9, 18, 22, 24, 29. May 1, 6, 7, 10, 14, 17, 23, 27, 30. June 6, 7, 10, 11, 12, 15, 17, 19, 20, 22, 24, 29, 24, 26, 27. July 1, 9, 11. 17, 18, 19, 22, 23, 24, 29. Aug 7, 12, 15, 20, 28, 30. Sep 2, 3, 4.

Total No. of Visits **77**