

WRECK  
SECTION  
No 37510

# STEEL STEAMER or MOTORSHIP.

WRECK  
SECTION  
Received at London Office  
No 10 MAY 1935

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

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

Date of completion of report

8-5-35

Port of **MIDDLESBROUGH.**

No. **15405**

Survey held at **HAVERTON HILL-ON-TEES**

Date First Survey

**3<sup>rd</sup> January/35**

Last Survey

**30<sup>th</sup> April 1935**

On the

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

**STEEL SINGLE SCREW STEAMER CRAGSIDE (MACH<sup>y</sup> FITTED AFT.)**

State Type

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

**FULL SCANTLING**

State Type of Erections **RAISED QR. DK. BRIDGE + FCL.**

TONNAGE under Tonnage Deck...

**357.73**

CLASS **+ 100 A.I.**

State if with freeboard as condition of Class

**✓**

Built at

**HAVERTON HILL-ON-TEES**

No. of space or spaces between Tonnage Dk. and Upper Dk.

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

**L 160**

Launched

**30-4-35**

Yard No. **245**

Total

Breadth (greatest moulded)

**B 27'6"**

Builders

**FURNESS S.B. Co. L<sup>td</sup>**

Gross Tonnage

**495.93**

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

**D 12'0"**

Owners

**TYNE-TEES STEAM SHIPPING CO. L<sup>td</sup>**

Register Tonnage

**223.26**

1st Longitudinal Number (L x D)

**= 1920**

Managers

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

2nd Numeral L x (B + D)

**= 6320**

Residence

**NEWCASTLE-ON-TYNE**

## REGISTERED DIMENSIONS.

FEET.

Length

**161.25**

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

**9.46**

Breadth

**27.6**

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

**13.3**

Port of Registry

**STOCKTON**

Depth

**10.0**

Do. Long Bridge to top of keel

**✓**

If surveyed while building, afloat, or in dry dock

**WHILE BUILDING.**

## 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	22	✓	Bracket Floors, Frame	✓	
" " from $\frac{3}{4}$ length to Collision bulkhead	22	✓	" " Reversed Frame	✓	
" " in peaks	22	✓	" " Vertical Struts	✓	
DE FRAMING.			Centre Girder, depth and thickness amidships	28 $\frac{1}{2}$ x .35	✓
Frame Amidships, Angle, <b>E-F</b> <b>B.A.</b>	4 x 2 $\frac{1}{2}$ x .24	4 x 2 $\frac{1}{2}$ x .23	" " top Angles <b>SINGLE</b>	3 x 3 x .31	DOUBLE END OF 1/2 LEN. IN E.S.
" " Extends up to	MAIN DK.	✓	" " bottom Angles <b>SINGLE</b>	3 x 3 x .35	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	ONE .27	✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	26 x .3	✓
Depth of Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	6 x 3 $\frac{1}{2}$ x .375	3 x 3 x .27 TEE BAR
Frames in Uppermost Continuous 'tween Decks, Angle, <b>E</b> or <b>F</b>	✓		" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem	D:	D:
" " Second 'tween Decks, Angle, <b>E</b> or <b>F</b>	✓		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	✓	
" " Third " " " "	✓		" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem	✓	
Framing in Peaks, Angle <b>E-F</b> <b>B.A.</b>	4 x 2 $\frac{1}{2}$ x .24	4 x 2 $\frac{1}{2}$ x .32	Tank Side Brackets, height above base line at toe of Frame and thickness	3'0" x .3	FLANGED 3'
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{5}{8}$ 4 $\frac{1}{2}$	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	NO	✓	Breadth and thickness of Middle Line Strake	49 x .32	45 x .31
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	BEAMS 5 x 3 x .34 O.A. STRINGER 21 x .34 AND DEEP FLOORS		Thickness of remainder in Holds	.32	28 (+ .04 INHARS) REQUIRE?
LENGTHENING OF BOTTOM FORWARD. State Particulars	TWO STRAKES ADJACENT TO KEEL .38 TO RULE POSITION OF COLL. BULK. INTER. GIRDER P+S 1/2 HEIGHT FROM 1/2 LEN. FORK		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	
DOUBLE BOTTOM. IN BOILER ROOM	14 x		BEAMS.		
Floors, Depth and thickness at mid-line in Holds	4 FLANGED 3'		Uppermost Continuous Deck, amidships in Wells, Angle, <b>E-F</b>	5 x 2 $\frac{1}{2}$ x .3	LONGITUDINAL
Height of Brackets at side above base line at toe of frame	2'4"		" " in way of Bridge, Angle, <b>E</b> or <b>F</b>	✓	
Middle Line Keelson, on Floors, Angles	28 $\frac{1}{2}$ x .4	✓	Spacing	36"	
" " Through Plate or Intercostal Plate	7 x .4		RAISED QR. DK. Second Deck, amidships, Angle, <b>E-F</b>	4 x 2 $\frac{1}{2}$ x .3 O.A.	✓
" " Foundation Plate on Floors	3 x 3 x .35 SINGLE.		Spacing	5 x 2 $\frac{1}{2}$ x .27 B.A. IN WAY OF AFT PEAK TANK.	✓
" " Flat Plate Keel Angles	ONE		Third Deck, amidships, Angle, <b>E</b> or <b>F</b>	✓	
Side Keelsons, No. each side	.39	✓	Spacing		
" " thickness of Intercostal Plate	3 x 3 x .39		Fourth Deck, amidships, Angle, <b>E</b> or <b>F</b>	✓	
" " Angles	6 x 3 x .4 (6' HORIZ.)		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, <b>E</b> or <b>F</b>	✓	
Solid Floors, thickness and spacing	27 22' APART	✓	Spacing		
" " Are Frame and Reversed Frame joggled?	NO	✓	Bridge Deck, Angle, <b>E-F</b>	4 x 2 $\frac{1}{2}$ x .3 to 3 x 2 $\frac{1}{2}$ x .26	(ONE LONGITUDINAL 5 x 2 $\frac{1}{2}$ x .3 B.A.)
Bracket Floors, breadth and thickness at middle line	✓		Spacing	22"	
" " breadth and thickness at margin plate	✓		Forecastle Deck, Angle, <b>E-F</b>	3 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x .3	✓
			Spacing	22"	



# 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, No. of Rows.....</b>	<b>BRIDGE DK.</b>		Stringer Plate, breadth and thickness in way of Bridge .....	✓	
" in 'tween Decks, Size and Spacing.....	<b>PILLARS 2" DIA</b>		Thickness of Plating abreast Deck openings in way of Wells .....	26 ✓	
" " " " " "	<b>SOLID F.C.L.B.</b>		Thickness of Plating abreast Deck openings in way of Bridge .....	✓	
" " " " " "	<b>PILLARS 2" DIA</b>		Thickness of Plating within line of openings.....	3 to 24 ✓	
" " " " " "	<b>SOLID SPACED AS APP.</b>		If Sheathed, material and thickness .....	NO SHEATHING ✓	
<b>Centre Line Bulkhead.</b>	<b>WEB FRAMES 15x26</b>		<b>Third Deck.</b>		
Stiffeners and Spacing.....	<b>(WITH FACE BAR</b>		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....	<b>3x2 1/2 x 3) CONNECTED</b>		If Plated, state thickness.....	✓	
<b>STRINGERS AND DECKS.</b>	<b>TO TANK MARGIN BY</b>		<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>	<b>5x4x.375 TEE BAR</b>		Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	<b>SPACED AS APPROVED.</b>		If Plated, state thickness .....	✓	
" " " " " in way of Bridge	<b>DEEP BRACKETS UNDER</b>		<b>Poop Deck.</b>		
" Angle in Wells .....	<b>MAIN DK. 34 SPACED</b>		Stringer Plate, breadth and thickness .....	✓	
Thickness of Plating abreast Deck openings in way of Wells .....	<b>7 1/4" APART AS APP.</b>		Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings in way of Bridge .....	<b>FLANGED 3"</b>		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...			Stringer Plate, breadth and thickness.....	66 x 26 ✓	
If Sheathed, material and thickness .....			Plating, Sheathing, material and thickness ...	28 to 26	
<b>Second Deck. RAISED 9" DK.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...			Stringer Plate, breadth and thickness.....	26	
			Plating, Sheathing, material and thickness ...	26	

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES State if jogged? <b>YES</b>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		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 .....	39 1/2	.44	.4	.4		DOUBLE	5/8	2 1/2	TREBLE	3/4	2 1/2	LAPPED
„ DBLG. (if any)	✓		✓									
BOTTOM PLATING, No. of Strakes .....	B 50 1/2	.35	.38	.32	✓	DOUBLE	✓	✓	DOUBLE	5/8	2 1/4	✓
	C 50 1/2	.35	.38	.32	✓	„	✓	✓	„	✓	✓	✓
	D 42	.35	.32	.32	✓	„	✓	✓	„	✓	✓	✓
BILGE PLATING, No. of Strakes .....	E 51	.35	.31	.31	✓	SINGLE	✓	✓	„	✓	✓	✓
						(TOP SEAM ONLY)						
SIDE PLATING, No. of Strakes .....	F 56 1/4	.36	.3	.3	✓	SINGLE	✓	✓	„	✓	✓	✓
UPPER DECK, Sheer-strake in Wells.....	G 53 1/4	.43	.3	.3	✓	SINGLE	✓	✓	TREBLE TO DOUBLE	3/4	2 5/8	✓
	INCREASED TO .64 AT BRIDGE FRONT.											
UPPER DECK, Sheer-strake in Bridge ...												
STRAKE BELOW Sheer-strake in Wells.....												
STRAKE BELOW Sheer-strake in Bridge ...												
POOP SIDE PLATING .....												
BRIDGE SIDE PLATING ...	.34		✓			SINGLE	5/8	2 1/2	DOUBLE	5/8	2 1/4	LAPPED
FOREC'TLE SIDE PLATING	.25					SINGLE	5/8	2 1/2	SINGLE	5/8	2 1/4	LAPPED.

## WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)

" Deck next below

As per Rule

THREE

THREE

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks	FR. 30	36 to 3	6x3x38	37 1/4	✓
" " Second					
" " Third					
" " Holds .....					
COLLISION FR. 80 (in Hold) .....		33 to 28	6x3x28	21	SEMI BULK BEAM 3
AFTER PEAK FR. 5 RECESSED TO FR. 4.		4 to 3	3x2x24	24	✓

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....			PLATE KEEL	
STEM .....			ROLLED STEEL 6x1 1/4	
STERN FRAME	Propeller Post .....		FORGING 5 3/4 x 3 1/4 T.S. FORSTER & SON	
	Rudder .....		"	
RUDDER—A x D .....			53.8	✓
Speed of Vessel .....			9 KNOTS	
RUDDER mainpiece at head .....			FORGING 4x3 T.S. FORSTER	
" " heel .....			3 1/2 x 2 1/4 ✓	2 1/2 x 2 1/4 APP.
" how constructed .....			FORGED ARMS & MAIN PIECE	
" double or single plate .....			DOUBLE 26	✓
" coupling, vertical or horizontal .....			VERTICAL	

STEEL.

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

CARGO FLEET IRON CO. L.

DORMAN LONG & CO. L.

Has the Steel been tested as required by the Rules?

YES.

SKINNING GROVE IRON CO. L.

SOUTH DURHAM STEEL & IRON CO. L.

OPEN HEARTH BASIC.

Lloyd's Register Foundation







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.)

Forging certificates enclosed herewith.

Approved plan enclosed herewith as per list. viz.

MIDSHIP SECTION

PROFILE + DECK PLANS (TWO COPIES)

RIVETING SECTION.

MAST PLAN

RUDDER + STERN FRAME.

QUADRANT TILLER.

SECTIONS IN MACHINERY SPACE.

Midship Section and Profile and Deck plan as built enclosed herewith

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	6-1-2	J.D.	238	12-10-34
	2nd "	5-2-0	J.D.	351	20-2-35
	3rd "	5-1-24	J.D.	312	16-1-35

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 36.66 ft., Bridge 27.5 ft., Forecastle 15.33 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 DK. (STL)

Official No. : Signal Letters M B R Y (per M B R Y) Is bottom of Vessel coated with cement AS BELOW. if not give particulars of composition

DOUBLE BOTTOM CEMENT FILLETS AT SEAMS + BUTTS REMAINDER CEMENT WASHED. FLORE + AFTER PERKS CEMENTED. BOILER ROOM SPACE BITUMAST SOLUTION + ENAM (BRIGGS)

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓		Fore peak tank,	13' 4 1/2"	37.89
Double bottom, under Engines and Boilers,	11' 0"	8	After peak tank,	9' 2"	27.2
Double bottom, if under Engines only,	✓		Deep tank, aft,	✓	
Double bottom, if under Boilers only,	97' 2"	133.9	Deep tank, forward,	✓	
Double bottom, forward,	Total capacity of double bottom	141.9	Other tanks, if fitted,	✓	
			(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. 1497

Date 1-1-38

Dates of Surveys held while building

1935: Jan 3, 9, 16, 28, 31 Feb. 1, 5, 6, 7, 8, 11, 12, 13, 14, 18, 20, 25, 28, Mar. 4, 11, 12, 14, 18, 21, 25, 27, Apr. 1, 8, 8, 9, 10, 12, 13, 15, 18, 24, 26, 29, 30

© 2020

Lloyd's Register Foundation

Total No. of Visits 19