

Rpt. 1.
**WRECK
SECTION**

No. 853 B

Date of completion of report

Survey held at Thorne

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

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

TONNAGE under Tonnage Deck... 71.56

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

Total ☒

Gross Tonnage 84.74

Register Tonnage ☒

REGISTERED DIMENSIONS.
FEET.

Length 71.0

Breadth 18.15

Depth 8.5

STEEL STEAMER OR MOTORSHIP

State if Report has been sent on the Freeboard of the Vessel No.

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

Port of

Date First Survey 8th October 1936

Last Survey 14th June 1937

Steel Twin Screw Tug "NESS POINT"

Hull Scantling.

State Type of Erections None.

Built at Thorne.

Launched 7th April 1937 Yard No. 289.

Builders Richard Dunston Ltd.

Owners London & North Eastern Railway Co.

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

Residence

Port of Registry Lowestoft.

If surveyed while building, afloat, or in dry dock

While building, on slipway & afloat.

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	18	<input checked="" type="checkbox"/>	Bracket Floors, Frame		
" " from $\frac{3}{4}$ length to Collision bulkhead.....	18	<input checked="" type="checkbox"/>	" " Reversed Frame		
" " in peaks.....	18	<input checked="" type="checkbox"/>	" " Vertical Struts		
FRAME FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	5 3 $\frac{5}{16}$	$4\frac{1}{2} \times 3 \times \frac{5}{16}$	" " top Angles		
" " Extends up to <u>decks.</u>			" " bottom Angles		
Reversed Frame Amidships, Angle	2 $\frac{1}{2}$ 2 $\frac{1}{2}$ 26	at ends.	Side Girders, No. each side and thickness		
" " Extends up <u>across floors.</u>	2 $\frac{1}{2}$ 2 $\frac{1}{2}$ 36		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	5	<input checked="" type="checkbox"/>	" " Vertical Angle to Tank side		
Frames in Uppermost Continuous tween Decks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$			Bracket abaft $\frac{1}{4}$ len. from stem		
" " Second tween Decks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$			" " Vertical Angle to Tank side		
" " Third " " " " " "			Bracket forward $\frac{1}{4}$ len. from stem		
Framing in Peaks, Angle $\frac{1}{2}$ or $\frac{3}{4}$	5 3 $\frac{5}{16}$	$4\frac{1}{2} \times 3 \times \frac{5}{16}$	" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{3}{4}$ 5 21		" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem.....		
State if Frame Joggled	No.	<input checked="" type="checkbox"/>	Tank Side Brackets, height above base line at toe of Frame and thickness		
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars)	Advt. side stringer $4 \times 3 \times \frac{5}{16}$ "	<input checked="" type="checkbox"/>	INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Midship thk. $\frac{7}{16}$ "	<input checked="" type="checkbox"/>	Breadth and thickness of Middle Line Strake		
DOUBLE BOTTOM.			Thickness of remainder in Holds		
Floors, Depth and thickness at mid-line	9 x $\frac{1}{2}$ at ends.	<input checked="" type="checkbox"/>	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?		
" " Holds	9 x $\frac{3}{8}$ in Br. Run.	<input checked="" type="checkbox"/>	BEAMS.		
Height of Brackets at side above base line at toe of frame			Uppermost Continuous Deck, amidships in Wells, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	4 3 $\frac{5}{16}$	<input checked="" type="checkbox"/>
Middle Line Keelson, on Floors, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	6 3 38	0.6L	" " in way of Bridge, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	<input checked="" type="checkbox"/>	
" " Through Plate or Intercoastal Plate			Spacing	18	<input checked="" type="checkbox"/>
" " Foundation Plate on Floors			Second Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
" " Flat Plate Keel Angles			Spacing		
Keelsons, No. each side	1-5" x 4 x $\frac{3}{8}$ L	<input checked="" type="checkbox"/>	Third Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
" " thickness of Intercoastal Plate			Spacing		
" " Angles			Fourth Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Poop Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
" " breadth and thickness at margin plate			Spacing		
			Forecastle Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$		
			Spacing		

**WRECK
SECTION**

No. 853 B

No. 4

JUN 12 1937

4905

003727-003733-0104/12

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.....	1 low.	✓	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 " "	2 1/2 Dia.	✓	Thickness of Plating within line of openings...		
" " " " " "			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	4 5/2 x 5/16 chq.	✓	If Plated, state thickness		
" " " " in way of Bridge	✓		Poop Deck.		
" Angle in Wells	3 3 3/8	✓	Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings) in way of Wells			Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings) in way of Bridge			Bridge Deck.		
Thickness of Plating within line of openings...	5/16 chq.	✓	Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness			Plating, Sheathing, material and thickness ...		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...			Stringer Plate, breadth and thickness.....		
			Plating, Sheathing, material and thickness ...		

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.		
Garboard Strake	39	7/16	7/16	7/16		Single	5/8	2 1/2	Double	5/8	2 1/4	Strapped	
Port Plate Keel													
„ DBLG. (if any)	✓	✓	✓	✓		✓							
Bottom Plating, No. of Strakes	52	7/16	7/16	7/16		Single	5/8	2 1/2	Double	5/8	2 1/4	Strapped	
Bilge Plating, No. of Strakes	49	7/16	7/16	7/16		„	3/4	3	„	„	„	„	
Side Plating, No. of Strakes	✓	✓	✓	✓		✓	3/4	3	✓	✓	✓	✓	
Upper Deck, Sheer-strake in Wells	40	8/16	8/16	8/16		Single	3/4	3	Double	3/4	2 5/8	Strapped	
Upper Deck, Sheer-strake in Bridge	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
Strake below Sheer-strake in Wells	41	8/16	8/16	8/16		Single	3/4	3	Double	3/4	2 5/8	Strapped	
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 BULK'D, Upper tween decks					
" " Second "					
" " Third FRAME 32		31	4x3x36 1/2 24		
" " Holds " 11.		31	4x3x32 1/2 30		
COLLISION " (in Hold) 43.		31	4x3x36 1/2 24		
AFTER PEAK " " 5		31	4x3x36 1/2 24		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	<i>Roller Steel</i>	$7\frac{1}{2} \times 1\frac{1}{8}$ ✓		
STEM	" "	$7\frac{1}{2} \times 1\frac{1}{8}$ ✓		
STERN FRAME {	Propeller Post	" "	$7\frac{1}{2} \times 1\frac{1}{8}$ ✓	
	Rudder "			
RUDDER—A × D	<i>9.89</i>			
Speed of Vessel	<i>8.4 knots</i> ✓			
RUDDER mainpiece at head ...		$3\frac{3}{4}$ ✓		$3\frac{1}{4}$ ✓
" " heel ...		$3\frac{3}{4}$ ✓		
" how constructed	<i>Angled, built & welded.</i>			
" double or single plate coupling, vertical or horizontal	<i>Double 1/4"</i> ✓			
	<i>None.</i>			

STEEL.

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

PLATES:- *Appleby - Nottingham Steel Co. Ltd. South Durham Steel & Iron Co. Ltd.*

SECTIONS:- *Cargo Fleet Iron Co. Ltd. Cairn & Co. Ltd. Sarnan Long Steel.*

Has the Steel been tested as required by the Rules?

EQUIPMENT No. 1917										LETTER		ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.55	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
50099.	1st Bower ...	3	2	8	Stockless			6	0	3	21	3 1/2	Stockless	Not stated	C. Heath 5-3-37 S.C. Paul
50098	2nd " ...	3	2	7	"			6	0	3	21	3 1/2	"	"	" S. Paul
	3rd " ...														
	Collective weight.	7	1	1								7			
	Stream														

CHAIN CABLES.										HAWERS 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- tory.	Break- ing.	Supplied.			Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
54304	30	1 1/16	8 5/10	12 3/4	8-0-0			7-1-4			Mild	Not stated	C. Heath 18-3-37 S. Paul	TOWLINE... HAWERS & WARPS					
54305	30	1 1/16	8 5/10	12 3/4	8-0-3			"	60	1/16	link	"	"		"	60	4 1/2	58 1/10	60
		Cir.								Cir.					60	2 1/2	18	60	2 1/2
Iron Stream Chain or Wire	✓									✓									

Steering Gear, Steam *Darwin Ste. Ltd - Efficient*
 Steering Gear, Hand *Darwin Ste. Ltd - Efficient*
 Steering Chains, Size and Test *1/2" shot link - 3 tons*
 Windlass *Efficient*
 Railing in Holds, thickness and material ☒
 Cargo Battens, thickness, material and spacing ☒
 Cargo Hatchways.-(Upper Deck) ☒
 Thickness of Hatches ☒
 No. 1 Hatchway (Forward) ☒ No. 2 ☒ No. 3 ☒ No. 4 ☒ No. 5 ☒ No. 6 ☒
 Number of Shifting Beams and/or Fore and Afters ☒

Builder's Signature *Richard Dunsford*

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel ☒ (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo ☒
 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 and instructions and in conformity with the Rules for the class contemplated.

The materials and workmanship are satisfactory. ☒

No freeboard has been assigned. ☒

The fore & after peak tanks and boiler feed tank have been tested to rule requirements and found in order. ☒

Deck, casing, hand pumps, steering gear, windlass have been tested and found satisfactory. ☒

The overall length of the vessel is 75-66 ft ☒

This vessel is fitted with Kort Nozzles as per approved plans. ☒

amount of Entry Fee £ 2 : - : -
 Special Survey Fee.... £ 20 : 0 : 0
 Travelling Expenses, if any £ 5 : 14 : 3

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

"FOR TOWING SERVICES"

whether the Vessel has been built under Special Survey *Yes.*

Signature

James Macleod for W. Macleod
Surveyor to Lloyd's Register of Shipping. *Deed*

ificate to be sent to *Full.* Date of issue *19/8/37*

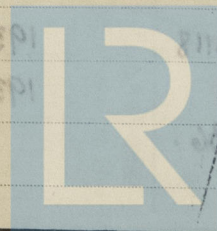
Committee's Minute

Character assigned

+ 100 A.I.
For Towing Services

Lloyd's arch. + dmb 6.37
O.L. R.O.

W. Macleod



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Lloyd's Register Foundation

0104 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 List of the Plans should be embodied.)

The following approved plans are enclosed herewith.

Midship Section

Profile & deck, also watertight bulkheads.

Shell expansion.

Casings.

Details of Mast Nozzle.

Arrgt of Stemtube boxes.

Section at frame 14.

"A" brackets in Mast Nozzles.

Steering gear arrangement.

Rudder details.

Midship Section

Profile & deck

} as built.

Yarding Report. Propeller brackets. Mtd No F6466.

Steel hoppers

Please see report (hull) No 44906 with regard to damage sustained while launching.

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

1st Bower

2-0-16. W.H. 6010. 29.10.36.

2nd "

2-0-21. W.H. 6165. 24.12.36.

3rd "

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)

Official No.

Signal Letters

Is bottom of Vessel coated with cement

Yes.

if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	5.25	4 3/4
Double bottom, under Engines and Boilers,			After peak tank,	11.0	16
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, <i>Feed water tank fms of B. Rm.</i>	3.0	7 1/2

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

Order for Special Survey No. 3118

Date

5th Sept. 1936.

Dates of Surveys held while building

1936:- Oct. 8.27. Dec: 2.9.17.29.30.

1937:- Jan. 12.21. Feb. 1.4.11.25. Mar. 5.10.17. Apr. 2.7.12.13.20

May 6.21.27. June 3.4.

Total No. of Visits

25