

STEEL STEAMER or MOTORSHIP.

Received at London Office 12 JAN 1934

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

State if Report is sent on the Machinery of the Vessel

Date of completion of report

11th Jan 1934

Port of

Newcastle on Tyne

No.

90909

Survey held at

Newcastle

Date First Survey

5 Sept 1933

Last Survey 3 January

1934

On the

(State of Machinery Aft and

Steel Single Screw Motor Vessel "ROCK"

State Type

(Full Scantling, Complete Superstructure

Coasting. (Great Britain & Ireland & Cont'n^t State Type of Erections

Poop & Monkey Jib

TONNAGE under

192.89

CLASS

State if with freeboard

as condition of Class

Built at Hebburn on Tyne

Launched 1st Dec '33

Yard No. 591.

Builders

R.W. Hawthorn Leslie & Co. Ltd

Owners

Free Trade Wharf. Ltd

Managers

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

Residence

Port of Registry

London

If surveyed while building, afloat, or in dry dock

Yes

REGISTERED DIMENSIONS.

FEET.

120.4'

24.2'

8.2'

Length from fore part of stem to after part of stern

post on summer L.W.L. See Sec. 3 (1a)

L

120.0'

Breadth (greatest moulded)

B

24.0'

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

D

9.8'

1st Longitudinal Number (L x D)

1175

2nd Numeral L x (B + D)

4091

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

7.42

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
























12.55

Do. Long Bridge to top of keel

Draught Moulded

8-10

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.
spacing amidships	24"	✓	Bracket Floors, Frame	4 2 1/2 30	3 1/2 3 26
" from 3/4 length to Collision bulkhead	24"	✓	" " Reversed Frame	3 1/2 2 1/2 30	3 3 36
" in peaks	21"	✓	" " Vertical Struts	3 1/2 2 1/2 30	3 3 36
ING.			Centre Girder, depth and thickness amidships	27 32	27 32
idships, Angle, 	4 2 1/2 31	✓	" " top Angle	3 3 28	✓
" Extends up to	Upper deck	✓	" " bottom Angle	3 3 28	✓
Frame Amidships, Angle			Side Girders, No. each side and thickness	1 @ 26	✓
" Extends up to			Margin Plate depth (excl. of flange) and thickness	17 x 30	✓
Framing Girder			" " Vertical Angle to Tank side	3 3 26	✓
Uppermost Continuous 'tween Decks, Angle,  or 			" " Bracket abaft 1/4 len. from stem	3 3 26	✓
Second 'tween Decks, Angle,  or 			" " Vertical Angle to Tank side	3 3 26	✓
Third " " " "			" " Bracket forward 1/4 len. from stem	3 3 26	✓
Peaks, Angle or 	4 2 1/2 26	✓	" " Gussets, spacing and scantling abaft 1/4 len. from stem	✓	✓
and Spacing of Rivets through Frame and Shell Plating amidships	5/8 @ 7 dia	✓	" " Gussets, spacing and scantling forward 1/4 len. from stem	✓	✓
ame Joggled	Yes	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	33 @ 28	✓
RRANGEMENTS (Sec. 7), state system and particulars	✓		INNER BOTTOM PLATING.		
ENING OF BOTTOM FOR State Particulars	Extra 1/2 height under frame bottom 1/2 4 1/2 28 L ✓ Bottom shell increased	✓	Breadth and thickness of Middle Line Strake	37 x 30-28	✓
TOM. in Eng. Room only			Thickness of remainder in Holds	26	✓
th and thickness at mid-line	13 32	✓	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	✓
ght of Brackets at side above base line at toe of frame	32 level + as approved	✓	BEAMS.		
e Keelson, on Floors, Angles, 	5 1/2 3 1/2 54	✓	Uppermost Continuous Deck, amidships in Wells, Angle,  or 	4 1/2 3 26	4 1/2 1 1/2 36
" Through Plate or Intercostal Plate	16 1/2 x 30	✓	" " in way of Bridge, Angle,  or 	5 3 30	5 1 1/2 30
" Foundation Plate on Floors	✓		Spacing	24"	✓
" Flat Plate Keel Angles	3 1/2 3 1/2 30	✓	Second Deck, amidships, Angle,  or 		
Keelsons, No. each side	one		Spacing		
thickness of Intercostal Plate	5 5 56	✓	Third Deck, amidships, Angle,  or 		
Angles	5 3 40	✓	Spacing		
BOTTOM.			Fourth Deck, amidships, Angle,  or 		
Floors, thickness and spacing	26 @ 24" be letter	✓	Spacing		
" " Are Frame and Reversed Frame joggled?	Yes	✓	Poop Deck, Angle,  or 	5 1/2 3 30	5 5 1/2 2 1/2 30
Bracket Floors, breadth and thickness at middle line	20 x 26	✓	Spacing	21 x 24"	✓
" " breadth and thickness at margin plate	29 x 26	✓	Bridge Deck, Angle,  or 		
			Spacing		
			Forecastle Deck, Angle,  or 	5 1/2 3 30	5 5 1/2 2 1/2 30
			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.....	<i>one</i>			Stringer Plate, breadth and thickness in way of Bridge			
" in 'tween Decks, Size and Spacing.....	<i>2 1/2 x 1/4</i>	<i>0</i>	<i>2" 0.1</i>	Thickness of Plating abreast Deck openings in way of Wells			
" " " " " "	<i>return frame</i>			Thickness of Plating abreast Deck openings in way of Bridge			
" in Holds @ <i>Katak ends</i>	<i>8.3.3.28</i>	<i>II</i>	<i>6.3.3.26</i>	Thickness of Plating within line of openings...			
" " " " " "	<i>3" @ 8-0.4pt</i>		<i>as appd.</i>	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	<i>60</i>	<i>.28</i>		If Plated, state thickness			
" " " " in way of <i>Pooh</i> Bridge		<i>.35</i>		Pooh Deck.			
" Angle in Wells	<i>3</i>	<i>3</i>	<i>.30</i>	Stringer Plate, breadth and thickness	<i>42.</i>	<i>.26</i>	
Thickness of Plating abreast Deck openings in way of Wells			<i>.28</i>	Plating, Sheathing, material and thickness ...	<i>2" pine</i>		
Thickness of Plating abreast Deck openings in way of Bridge			<i>.24</i>	Bridge Deck.			
Thickness of Plating within line of openings...				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.....	<i>39.</i>	<i>.26</i>	
				Plating, Sheathing, material and thickness ...	<i>2" pine</i>		

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?			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	36	.40	40 36	.40		Single r D for 1/2 L	5/8	2 1/2	3 to 2	3/4	2 5/8	Lapped	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes2.....	60	.32	26 35	.28		Single	“	“	2	5/8	2 1/4	-	
BILGE PLATING, No. of Strakes	60	.32	26 30	.20		“	“	“					
SIDE PLATING, No. of Strakes													
UPPER DECK, Sheer- strake in Wells.....	61	.36	.26	.30	1	“	“	“	2	3/4 5/8	2 5/8 2 1/4	“	
UPPER DECK, Sheer- strake in Bridge45		1				3.	3/4	2 5/8	“	
STRAKE BELOW Sheer- strake in Wells.....													
STRAKE BELOW Sheer- strake in Bridge ...													
POOP SIDE PLATING24		.24		-	“	“	1	5/8	2 1/4	-	
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING			26			“	“	“	1	5/8	2 1/4	-	

WATERTIGHT BULKHEADS.

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

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
" " Second					
" " Third					
" " Holds	<i>17.</i>	<i>26-32</i>	<i>4 1/2 x 3/4 L @ 30"</i>		
COLLISION	<i>53.</i>	<i>26-32</i>	<i>5 1/2 x 3/4 L @ 24"</i>		
AFTER PEAK	<i>4.</i>	<i>30-32</i>	<i>4 1/2 x 3/4 L @ 24"</i>		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	<i>Plate</i>	<i>.50 thick</i>		
STERN FRAME { Propeller Post	<i>Forging</i>	<i>54 x 2 1/2</i>	<i>T.S. Foster</i>	
{ Rudder	<i>"</i>	<i>"</i>		
RUDDER—A x D.....	<i>27.55</i>			
Speed of Vessel	<i>8 k.</i>			
RUDDER mainpiece at head ...	<i>Forging</i>	<i>4 1/8</i>	<i>T.S. Foster</i>	
" " heel ...		<i>3 1/2</i>		
how constructed	<i>Balwood</i>	<i>reaches to 1/4" - Cast arms</i>		
double or single plate coupling, vertical or horizontal	<i>Double</i>	<i>.32</i>		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).....
	<i>Courtesy: Cargo Fleet: Lanarkshire, Fordingham</i>
	Has the Steel been tested as required by the Rules? <i>Yes</i>

EQUIPMENT No.										LETTER <i>d</i>	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.
47383	1st Bower ...	7	1	0	7	1	0	9	9	1	4	7.1.0	Yellow 2 1/2	N. Bloomer	CH: 29/9/33 Relf
47383	2nd " ...	7	0	24	7	0	24	9	9	1	4	7.0.0	"	-	CH: do. do.
	3rd " ...														
	Collective weight.	14	1	24								14.1.0			
93189	Stream	2	1	0	2	1	0	4	15	-	-		ordnary.	-	N: 5/10/33. Green.

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.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.		
99494	165	7/8	13 1/2	20 1/2	67.0.19.	64.1.0.	165.	7/8	steel	N. Bloomer	N. 5/10/33. Green	TOWLINE...	75	2 1/4	10.8	75	2 1/4		
													HAWSERS & WARPS	90	4"		90.	4"	
Iron Stream Chain or Steel Wire	45.	2 1/4			10.8	Steel wire		45.	2 1/4		British Rope								

Steering Gear, Steam *none* Steering Gear, Hand *Spur Geared Hand Steering Gear.*

Boats *2 lifeboats 16' x 5' 9" x 2' 3"* Steering Chains, Size and Test *5/8 dia tested to 4 1/2 tons* Windlass *hooked by shaft from deck. 14" dia.*

Ceiling in Holds, thickness and material *2" pine* Cargo Battens, thickness, material and spacing *1 1/2" pine 9" apart*

Cargo Hatchways. (Upper Deck) *1 @ 38'-0" x 14'-0" steel framed* Thickness of Hatches *2 1/2"*

Size of No. 1 Hatchway (Forward) *No. 2 No. 3 No. 4 No. 5 No. 6*

Number of Shifting Beams and/or Fore and Afters *7 Beams (no fore afters)* Bulk 12 x 50. 2nd angles 3.3.42.

FOR R. & W. HAWTHORN, LESLIE & CO. LIMITED

Builder's Signature *Mr. J. M. H. H. H.*

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *Diesel Eng.* (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 Committee's instructions & the Society's Rules. The workmanship & materials are good. All peaks, double bottom & oil tanks have been tested as per rule & found satisfactory.

The requirements of Sec 20 of the rules for the carriage of oil fuel having a flash point above 150° have been complied with where applicable. The Convention freeboard has been marked on the vessel's sides & cut in. The weather decks & watertight bulkheads have been tested & found satisfactory.

The amount of Entry Fee £ 2 : 0 : 0 Fees applied for, *9 JAN 1934*

Special Survey Fee.... £ 24 : 12 : 0 Received by me, *11 JAN 1934*

Reduced 4 0 0.

Travelling Expenses, if any £ : ✓ : 19

I am of opinion the Vessel should be Classed *+100 A1. Coasting Great Britain & Ireland and Continent Best to Hamburg.*

Signature *F. W. Webster*

Surveyor to Lloyd's Register of Shipping.

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

Certificate to be sent to *NEWCASTLE-on-TYNE* Date of issue *12/1/34*

Committee's Minute

Character assigned

FRI. 12 JAN 1934

+ 100 A1

Coasting Great Britain & Ireland Continent Best to Hamburg

Lloyd's assoc. + Lmb. 1.34

oil eng.

W. H. H. H. 12/1/34



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Lloyd's Register Foundation

007714-007714-0215 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 15 in number, together with the forging reports & midship Section & Profile as built, are forwarded herewith

Midship Section
Profile
Oil fuel bunkers
Cruiser stern
Stepping of bottom forward
Web frames
Stem
Stem frame
Rudder
Deck girders
Deck plating at break of bulk
Shell do do
Steering arrangements.

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

1st Bower 4.1.7 : AB. 2973. 23/5/30.
2nd „ 4.1.7 : AB. 2970. do.
3rd „

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 44.4' ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 17.58 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 deck steel

Official No. 163431 ; Signal Letters Is bottom of Vessel coated with cement No if not give

particulars of composition Cement wash in tanks. Full cement in belfies of machinery space.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.		Where Fitted.	*Length.	
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	14-7	28
Double bottom, under Engines and Boilers,			After peak tank,	7-5	9.5
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,		
	74-0	92.5	(If necessary, furnish further information by sketch.)		
	Total capacity of double bottom	92.5	* The wells are not to be included in the lengths of the tanks.		

Order for Special Survey No. 5464

Date 14. 9. 33.

Dates of Surveys held while building

1933: Sept. 5, 19; Oct. 2, 3, 4, 6, 10, 11², 12, 18, 19, 23, 25, 30; Nov. 1, 3, 6, 7, 8, 13, 15, 16, 17, 20, 21, 23, 24, 29, 30; Dec. 1, 4, 7, 8, 11, 14, 15, 18, 20, 21, 22, 24, 28, 29.
1934: Jan. 3.

Lloyd's Register Foundation
Total No. of Visits 45