

STEEL STEAMER or MOTORSHIP.

Received at London Office 11 MAR 1940

State if Report has been sent on the Freeboard of the Vessel ☒ YESState if Report is sent on the Machinery of the Vessel ☒ YES

Date of completion of report 27-2-40

Port of IPSWICH

No. 108410

Survey held at ROWHEDGE

Date First Survey 17-2-1939

Last Survey 27-2-

1940.

On the (State if Machinery fitted Aft and

SINGLE SCREW MOTORSHIP

"BEN HANN"

MACHY. FITTED AFT

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

FULL SCANTLING

State Type of Erections POOP & FORECASTLE

TONNAGE under 223.38

CLASS +100 A.I.

State if with freeboard as condition of Class

No

Built at ROWHEDGE

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

Length from fore part of stem to after part of stern } L 124.5
most on summer E.W.L. See Sec. 3 (1a) }
Rule length 124.2

Breadth (greatest moulded) B 24

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 10.75

1st Longitudinal Number (L x D) = 1367

2nd Numeral L x (B + D) = 4420

Framing Depth "d," at middle of length. See Sec. 3 (1d) 11.83

Proportions—Depth to Length—Uppermost continuous deck to top of keel
Do. Long Bridge to top of keel ✓

Draught Moulded 9.75

Launched 25-1-40 Yard No. 585

Builders ROWHEDGE IRONWORKS CO. LD.

Owners NATIONAL BENZOLE CO. LD.

Managers ✓

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

WELLINGTON HOUSE,

Residence BUCKINGHAM GATE, LONDON, S.W.1.

Port of Registry LONDON

If surveyed while building, afloat, or in dry dock

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	24 ✓		Bracket Floors, Frame		
" " from 3/4 length amidships to Collision bulkhead	24 ✓		" " Reversed Frame		
" " in peaks	21 ✓		" " Vertical Struts		
DE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle	5 x 3 x 375 ✓		" " top Angles		
" " Extends up to	UPPER DECK ✓		" " bottom Angles		
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness		
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	5 ✓		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓		" " Bracket abaft 1/4 len. from stem		
" " Second 'tween Decks, Angle, [or]	✓		" " Vertical Angle to Tank side		
" " Third " " " "	✓		" " Bracket from forward 1/4 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem	5 x 3 x 375 ✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " in Peaks, Angle	4 1/2 x 3 x 30 F.P. ✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	4 x 2 1/2 x 30 A.P. ✓		Tank Side Brackets, height above base line at toe of Frame and thickness		
State if Frame Joggled	No ✓		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	As APPROVED ✓		Breadth and thickness of Middle Line Strake		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	As APPROVED ✓		Thickness of remainder in Holds		
DOUBLE BOTTOM.			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?		
Floors, Depth and thickness at mid-line in Holds	12 x 3 1/2 x 3 1/2 x 50 ✓		BEAMS.		
Height of Brackets at side above base line at toe of frame	30 ✓		Uppermost Continuous Deck, amidships in Wells, Angle, [or]	6 x 3 x 42 BA ✓	
Middle Line Keelson, on Floors, Angles, [or]	CENTRE LINE BULK ✓		" " in way of Bridge, Angle, [or]		
" " Through Plate or Intercoastal Plate	✓		Spacing	24 ✓	
" " Foundation Plate on Floors	✓		Second Deck, amidships, Angle, [or]		
" " Flat Plate Keel Angles	✓		Spacing	✓	
Side Keelsons, No. each side	ONE ✓		Third Deck, amidships, Angle, [or]		
" " thickness of Intercoastal Plate	32 ✓		Spacing	✓	
" " Angles	Top 6 x 3 x 48 ✓ SHELL 3 x 3 x 32 ✓		Fourth Deck, amidships, Angle, [or]		
DOUBLE BOTTOM.			Spacing	✓	
Solid Floors, thickness and spacing			Poop Deck, Angle, [or]	5 x 3 x 30 ✓	4 x 2 1/2 x 30 g.p.
" " Are Frame and Reversed Frame joggled?			Spacing	21 ✓	
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle, [or]		
" " breadth and thickness at margin plate			Spacing	✓	
			Forecastle Deck, Angle, [or]	3 1/2 x 2 1/2 x 28 ✓	
			Spacing	21 ✓	

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.....		✓			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 „ „		✓			Thickness of Plating within line of openings...		✓		
„ „ „ „ „		✓			If Sheathed, material and thickness		✓		
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....	5½ x 3 x 35 BA SPACING 24	✓			Stringer Plate, breadth and thickness.....		✓		
Plating, thickness of	✓ 40 to 35	✓			If Plated, state thickness.....		✓		
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....		✓		
Stringer Plate, breadth and thickness in Wells	58 ✓ 375	✓			If Plated, state thickness		✓		
„ „ „ „ in way of Bridge					Poop Deck.				
„ Angle in Wells	4½ x 4½ x 375	✓			Stringer Plate, breadth and thickness	55	24	✓	
Thickness of Plating abreast Deck openings } in way of Wells	✓ 375	✓			Plating, Sheathing, material and thickness ...	24 AND 2½" BORNEO WHITEWOOD.			✓
Thickness of Plating abreast Deck openings } in way of Bridge	✓				Bridge Deck.				
Thickness of Plating within line of openings...	✓ 375	✓			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.....	54	26	✓	
					Plating, Sheathing, material and thickness ...	26 PLATED.			✓

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 ^{34 aft}	43 ✓	55 ✓	45 ✓	45 ✓		D.R. ✓	3/4	2 5/8 ✓		T.R. ✓	3/4 ✓	2 5/8 ✓	LAPPED. ✓
„ DBLG. (if any)													
BOTTOM PLATING, No. } of Strakes .T.W.E.... }	53	38 5/8 ✓	35 ✓	35 ✓		D.R. ✓	5/8 ✓	2 1/4 ✓		D.R. ✓	5/8 ✓	2 1/4 ✓	LAPPED. ✓
BILGE PLATING, No. of } StrakesONE.... }	54	38 5/8 ✓	35 ✓	30 ✓		D.R. ✓	5/8 ✓	2 1/4 ✓		D.R. ✓	5/8 ✓	2 1/4 ✓	LAPPED. ✓
SIDE PLATING, No. of } StrakesONE.... }	56 ✓	38 5/8 ✓	30 ✓	30 ✓		D.R. ✓	5/8 ✓	2 1/4 ✓		D.R. ✓	5/8 ✓	2 1/4 ✓	LAPPED. ✓
UPPER DECK, Sheer- } strake in Wells..... }	49 ✓	42 ✓	33 ✓	33 ✓		D.R. ✓	5/8 ✓	2 1/4 ✓		D.R. ✓	5/8 ✓	2 1/4 ✓	LAPPED. ✓
UPPER DECK, Sheer- } strake in Bridge ... }													
STRAKE BELOW Sheer- } strake in Wells..... }													
STRAKE BELOW Sheer- } strake in Bridge ... }													
POOP SIDE PLATING		25 ✓				S. ✓	5/8 ✓	2 1/2 ✓		S. ✓	5/8 ✓	2 1/4 ✓	
BRIDGE SIDE PLATING ...		✓											
FOREC'TLE SIDE PLATING		25 ✓				S. ✓	5/8 ✓	2 1/2 ✓		S. ✓	5/8 ✓	2 1/4 ✓	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	8 ✓
„ Deck next below	✓
As per Rule	3

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	✓			
STEM	ROLLED BAR	5 1/2 x 1 1/4	✓	
STERN FRAME { Propeller Post	FORGING	5 1/2 x 2 3/4	✓	
{ Rudder			T.S. FORSTER & SONS, Ld.	✓
Speed of Vessel		10 KTS.		
RUDDER—Type				
„ A x D				
„ Diam. of head		5 1/4	✓	
„ Mainpiece at top pintle		6 1/2	T.S. FORSTER & SONS, Ld. APPROVED	
„ „ heel		4 1/8	4 1/8 RPT	4 1/4
„ how constructed	FORGED ARMS	SHRUNK ON.	✓	
„ double or single plate	SINGLE	✓		
„ coupling, vertical or	HORIZONTAL	✓		
„ horizontal				

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks		✓	✓		✓	
"	" Second "	✓	✓		✓	
"	" Third "	✓	✓		✓	
"	" Holds	✓	✓	✓	✓	✓
"	" (in Hold)	✓	✓	✓	✓	✓
COLLISION						
AFTER PEAK						

See Memo "
 London COLLISION
 18/3/40 AFTER PE

1. N
See
Lon
Memo
18/3/4

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EQUIPMENT No										ANCHORS.					
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 55.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
52865	1st Bower ...	8	1	14	✓	-	-	10	10	-	-	8 1/4 ✓	STOCKLESS.	B. HINGLEY & SONS	CRADLEY HEATH.
52864	2nd " ...	8	1	10	✓	-	-	10	10	-	-	8 1/4 ✓	Do.	Do.	4-12-39 L.C. PAUL.
	3rd " ...				✓									Do.	Do.
	Collective weight.	16	2	24	✓							16 1/4.			
52866	Stream	2	3	6		3	0	5	5	-	-	2 3/4	IRON STOCK	Do.	Do.

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.	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.
52342	165	15 1/16	15 3/16	23 1/2	75	3	12	74 1/2	165	15 1/16	STUO LINK	B. HINGLEY & SONS	CRADLEY HEATH.	TOWLINE...	75	2 1/2	} Tested see Last Memo 18/3/40		
													6-9-39 L.C. PAUL.	HAWSERS & WARPS	90	5			
Iron Stream Chain or Steel Wire	45	2 1/4			Tested see Last Memo 18/3/40														

Steering Gear, Type (Power ☒ hand) HYLAND HYDRAULIC Alternative Means of Steering TILLER, BLOCKS & TACKLE

Steering Chains (Size and Test) NONE Windlass HYDRAULIC & HAND Beats TWO

Ceiling in Holds, thickness and material NONE Cargo Battens, thickness, material and spacing NONE

Cargo Hatchways.-(Upper Deck) 375 Thickness of Hatches TANK LIDS 375

Size of Hatchways No. 1 (Fwd.) 4'-0" x 6'-0" No. 2 4'-0" x 6'-0" No. 3 4'-0" x 6'-0" No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters NONE **FOR THE ROWHEDGE IRONWORKS CO LTD**

Builder's Signature

D. J. Oxtan
DIRECTOR

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) 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 (where required to be inserted in the Notation).

This vessel has been constructed under Special Survey in accordance with the approved plans and Rule requirements. The materials and workmanship are sound and of good description.

The cargo tanks, fuel bunkers, fore and after peak tanks have been tested by head of water as required by the Rules. The Cofferdam has been tested with water.

The poop bulkhead, weather decks, waterways & casings have been tested and the windlass, anchor & chain cable & steering gear have been examined under working conditions.

The amount of Entry Fee, £ 3 : - : - Fees applied for,

Special Survey Fee.... £ 44 : 14 : - Received by me,

Travelling Expenses, if any £ 10 : 16 : 6. 6th July 1940 R.S.D. 10/4

State whether the Vessel has been built under Special Survey YES

Certificate to be sent to Builder Date of issue 12/9/40

Committee's Minute

Character assigned

+100 A1

Carrying petroleum in bulk

Lloyd's arch.

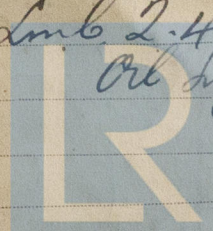
Q.L. 1/6

+ Limb 2.40 Subject

Ord. 1/4

Write 9/4

1/4



Lloyd's Register
Foundation

W151-0123(212)

PILLARS AND DECKS.

Any Departure from

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.)

Profile & Decks.
Transverse Bulkheads.
Transverse Sections.
Shell Expansion.
Pump Room Entrance.
Accommodation Bulkheads.
Oil Light Latches (Cargo).
Riveting Table.
Stem Frame & Rudder & Stem.
Liller & Crosshead.
Cowl ventilation.
Masts & Rigging.
Sanitary, Air & Sounding pipes.
Main & Aux. Engine Compartments.

PARTICULARS OF ELECTRIC WELDING (if employed)

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book + 100 A.I. "CARRYING PETROLEUM IN BULK".

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

1st Bower 5 CWTs. 0 QRS. 17 LBS. J.D. N° 5343. 20-10-39.
2nd " 5 CWTs. 0 QRS. 17 LBS. J.D. N° 5344. 20-10-39.
3rd " 39' See Lon Memo 18.3.40

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 43.5 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 19 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. Signal Letters Extreme Breadth over Belting 24'-4 1/2" Over-all Length 132'-6" (Circ. 1611) (Circ. 1703)
No. and Material of Decks 1 ST.
Parts of Bottom of Vessel coated with cement or approved composition ENGINE ROOM, PEAKS AND CARGO TANKS. (ALL CEMENT) See Lon Memo 18.3.40

Particulars of composition (if fitted) and of approval
PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	17	50
Double bottom, under Engines and Boilers,			After peak tank,	13.75	20
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,		
Total length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)		

Order for Special Survey No.

Date 13-12-39.

Dates of Surveys held while building

1939. FEB. 17. MAY. 10. 25. JUNE 16. 21. JULY 10. 13. 19. 23. 27. 31. AUG. 2. 28. 30. SEPT. 8. 13. 21. 27. OCT. 4. 11. 18. 25. 27. 31.
Nov. 1. 6. 15. 20. 28. DEC. 5. 11. 19. 28.
1940. JAN. 4. 10. 25. FEB. 7. 27.

Total No. of Visits 37.4

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