

WRECK
SECTION

TEAMER or MOTOR

OCT 1946

Yes

Yes

No 124547

Last Survey 6191 1046

Steel Single Screw "JOHN HOLT" Mch. Amidshiles

Complete Superstructure with tonnage opening State Type of Erections Peak combined

Built at Birkenhead fistle and bridge

Length from fore part of stem to after part of stern }
post on summer L. W. L. See Sec. 3 (1a) } L 360.0

Launched 16th April, 1946 Yard No. 1171

Breadth (greatest moulded) B 32.3

Builders *Messrs. Cammell Laird & Co. Ltd.*

of beam at side of uppermost continuous

Owners *Messrs. John Holt & Co. (Lpool) Ltd*

1st Longitudinal Number (L x D).....= 11/60

Maragene

Frontal Bone "1" at middle of lower

Residence ✓

Proportions—Depth to Length—Uppermost con- } 11.4

Port of Registry Liverpool

Do, Long Bridge to top) 9.1

If surveyed while building, afloat, ^{and} ~~in~~ in dry dock

Draught Moulded

21.63

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	28½	✓	Bracket Floors, Frame B.P.A.	6x5½x34, 440S.	✓
" " from ⅓ length amidships to Collision bulkhead.....}	27	✓ ✓	" " Reversed Frame B.P.A.	5x3x34, 440S.	✓
" " in peaks.....	24	✓	" " Vertical Struts Channel!	8x5½x3½x152 3x3x3x40 144	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	39½x50x41 50 in F.W. and Feed Tanks, 600S.	✓
Frame Amidships, Angle, E or L	10 3½ 46	✓	" " top Angles double	3x3x44x42 54 B.S., 49 F.W. & Feed Tanks	✓
" " Extends up to	2nd OK.	✓	" " bottom Angles double	44x49x47	✓
Reversed Frame Amidships, Angle	✓	✓	Side Girders, No. each side and thickness	36, 38 E.S., 40 B.S.	✓
" " Extends up to	✓	✓	Margin Plate depth (excl. of flange) and thickness	32x49	✓
Depth of Framing Girder.....	10 3 38	✓	" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem	3½x3½x41 51 B.S., 46 at W.T. Floor	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or L	5 3 32	✓	" " Vertical Angle to Tank side Bracket from forward ¼ len. from stem to Panting Area	6½x6½x55 Tee Bar 6x3½x54 angle at and abt fr. 133, 35x5½x54 back bar fr. 120-3 incl.	✓
" " Scarphed 15° below 2nd OK.	✓	✓	" " Gussets, spacing and scantling abaft ¼ len. from stem.....	Gussets, spacing and scantling from forward ¼ len. from stem to Panting Area.....	✓
" " Second 'tween Decks, Angle, E or L	✓	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	61	✓
" " Third " " "	✓	✓	INNER BOTTOM PLATING.		
" " from ¼ len. for'd. to 15% len. from Stem..... B.P.A.	11 3½ 44	✓	Breadth and thickness of Middle Line Strake ...	44½x49-40, 55 B.S.	✓
" " in Peaks, Angle, E or L	7 3 33	✓	Thickness of remainder in Holds	41-36, 49 E.S.	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	¾ x ¼, 6½ x 5½	✓	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?.....	55 B.S., + 08 in way of hatches yes	✓
State if Frame Joggled	yes	✓	BEAMS.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?.....	yes	✓	Uppermost Continuous Deck, amidships in Wells, Angle, E or L	9 x 3½ x 42	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....	yes	✓	" " in way of Bridge, Angle, E or L P. Beams....	7 x 3 x 40	✓
SINGLE BOTTOM.			Spacing	every frame	✓
Floors, Depth and thickness at mid-line in Holds	✓	✓	Second Deck, amidships, Angle, E or L	11 x 3½ x 43	✓
Height of Brackets at side above base line at toe of frame	✓	✓	Half Beams in way of hatches, B.P. Casings, B.P.	8 x 3 x 38	✓
Middle Line Keelson, on Floors, Angles, E or L	✓	✓	Spacing	7 x 3 x 38 every frame	✓
" " Through Plate or Intercoastal Plate...}	✓	✓	Third Deck, amidships, Angle, E or L	✓	✓
" " Foundation Plate on Floors	✓	✓	Spacing	✓	✓
" " Flat Plate Keel Angles	✓	✓	Fourth Deck, amidships, Angle, E or L	✓	✓
Side Keelsons, No. each side	✓	✓	Spacing	✓	✓
" " thickness of Intercoastal Plate...	✓	✓	Poop Deck, Angle, E or L	7 x 3 x 34	✓
" " Angles	✓	✓	Spacing	att. frames	✓
DOUBLE BOTTOM.			Bridge Deck, Angle, E or L	7 x 3 x 42	✓
Solid Floors, thickness and spacing	every frame in E.S., for 2nd, under boiler beams, 38 48 in B.S.	✓	Half beams B.P.A.	7 x 3 x 34	✓
" " Are Frame and Reversed Frame joggled?.....	yes	✓	Spacing	every frame	✓
Bracket Floors, breadth and thickness at middle line.....	29½x38, 480S.	✓	Forecastle Deck, Angle, E or L	9 x 3 x 46	✓
" " breadth and thickness at margin plate.....	29½x38, 480S.	✓	Spacing	att. frames	✓

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	67x36 ✓	✓
„ in 'tween Decks, Size and Spacing.....	2 1/4 to 3 1/2 on alternate beams ruled as appl.	✓	Thickness of Plating abreast Deck openings in way of Wells	34-30 ✓	✓
„ „ „ „ „	✓	✓	Thickness of Plating abreast Deck openings in way of Bridge	34 ✓	✓
„ in Holds „ „	4 1/2-6 1/2 on alt. beams ruled as appl. At hatch ends pillars double to take grain bands.	✓	Thickness of Plating within line of openings...	32-30 ✓	✓
„ „ „ „ „	✓	✓	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	63x40 to 37x40 ✓	✓	If Plated, state thickness	✓	✓
„ „ „ „ in way of Bridge	63x38 ✓	✓	Poop Deck.		
„ Angle in Wells	5x5x55 to 3 1/2x3 1/2x40 ✓	✓	Stringer Plate, breadth and thickness	34x34 ✓	✓
Thickness of Plating abreast Deck openings in way of Wells	40-34 ✓	✓	Plating, Sheathing, material and thickness ...	Douglas Fir 5x3 Teak margins. ✓	✓
Thickness of Plating abreast Deck openings in way of Bridge	34 ✓	✓	Bridge Deck.		
Thickness of Plating within line of openings... In way of bridge	36-34 ✓ 32 ✓	✓	Stringer Plate, breadth and thickness.....	54x38 ✓	✓
If Sheathed, material and thickness	✓	✓	Plating, Sheathing, material and thickness ...	Douglas Fir 5x3 Teak margins. ✓	✓
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	67x38-35x34 ✓	✓	Stringer Plate, breadth and thickness.....	34x34 ✓	✓
			Plating, Sheathing, material and thickness ...	30, 5x3 Teak margins. ✓	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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	49	77	81	81	67-61	D.R.	1	4	3R	1	3 1/2	strapped	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes	66	53	46	46		D.R.	7/8	3 1/2	3R	7/8	3/8	lapped	
BILGE PLATING, No. of Strakes	66	53	46	46									
SIDE PLATING, No. of Strakes	67 1/4	53	44	44	53-44								
UPPER DECK, Sheer-strake in Wells.	54 1/2	53	44	44			1 1/8	4 1/2	5R+4R	1 1/8	4 1/2		
UPPER DECK, Sheer-strake in Bridge.	54 3/4	53					7/8	3 1/2	3R	7/8	3/8		
STRAKE BELOW Sheer-strake in Wells.	54 1/2	50	44	44									
STRAKE BELOW Sheer-strake in Bridge.	54 1/4	53											
POOP SIDE PLATING			38	40	See letter 2.11.46	SR	3/4	3	5R	3/4	2 5/8		
BRIDGE SIDE PLATING		48							3R				
FORECASTLE SIDE PLATING			38	40	See letter 2.11.46				5R				

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

WATERTIGHT BULKHEADS.					FORGINGS and CASTINGS.				
Total No. of W.T. BULKHEADS in Vessel—						Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
Extending to Upper Deck (Sec. 3 c)					KEEL, Bar	✓	✓	✓	✓
„ Deck next below					STEM	✓	✓	✓	✓
As per Rule					STERN FRAME { Propeller Post	Forged Top 8 1/2 x 8 1/2 x 7 1/2 C.L.R.C.O.			
					„ { Rudder	Forged 12 1/2 x 6 1/2 x 6 1/2 Steel welded 9 1/2 x 7 1/2 Steel Co. Ltd.			
					Speed of Vessel	12 Knots			Steamframe and rudder
					RUDDER—Type.....	Double Plate			
					„ A x D	427		Norsingham Scantlings	
					„ Diam. of head	10 1/2		Steel Co. Ltd. increased	
					„ Mainpiece at top pintle	8 1/2 x 10 1/2			above Ruler
					„ „ heel ...	8 1/2 x 5 1/2			as per Owners Requirements.
					„ how constructed	Forged steel frame with two plates			
					„ double or single plate	Space filled in with			
					„ coupling, vertical or horizontal	Slab cast and bituminous. Horizontal			

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)		Basic Open Hearth Process.
	Guest Keen Baldwins, Colvilles, Dorman Long, The Steel Company of Scotland, Cornsett Iron Co.		
	Has the Steel been tested as required by the Rules?		Yes ✓

Number of Certificate. 3150
3147
3151

Req. 1.

No. 13

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The Surveyor "are requested not to write on or below the Committee's Minutes."

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Lloyds Register Foundation

Steering Gear, Type (Power ^{and} ~~hand~~) *Brown Bros. Ltd.* Alternative Means of Steering *Hand*

Steering Chains (Size and Test) *✓* Windlass *Emerson & Walker Ltd. ✓* Boats *4 @ 24'0" x 7'5" x 3'0", one boat fitted with motor. See letter 2.11.46*

Ceiling in Holds, thickness and material *Tank top increased .08" in way of hatch ways.* Cargo Battens, thickness, material and spacing *None fitted, frames punched*

Cargo Hatchways.—(Upper Deck) *Steel strongly constructed* Thickness of Hatches *M.E.P. steel hatches.*

Size of Hatchways No. 1 (Fwd.) *20'3" x 17'2½"* No. 2 *26'½" x 17'2½"* No. 3 *15'7½" x 18'2½"* No. 4 *23'9" x 17'2½"* No. 5 *23'9" x 17'2½"* No. 6 *✓*

Number of Shifting Beams *✓* *Nº 1-3, Nº 2-4, Nº 3-2, Nº 4-4, Nº 5* *trunked from Br. Friction.* *FOR AND ON BEHALF OF JAMES L. LAIRD & CO. LIMITED.*
and/or Fore and Afters

Builder's Signature *[Signature]* DIRECTOR

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo
be indicated, together with the flash point (where required to be inserted in the

The positions in which oil is carried as fuel or cargo should

This ship has been built in conformity with the Society's Rules and Regulations and the Secretary's letters. The scantlings and arrangements are in accordance with, or equivalent to, those shown on the approved plans. ✓

The materials and workmanship are good.

A freeboard of 1'-5 $\frac{1}{4}$ " has been assigned and verified, and the markings cut in on the vessels' sides.

All double bottom tanks, peak tanks, deep oil fuel bunkers, settling tanks, oil fuel tanks abreast tunnel P/S, decks, casings and bulkheads have been satisfactorily tested. ✓

Forging reports (4 in number) for rudder, sternframe, upper part of stem and tiller forwarded herewith. ✓ Rpt. 10 for eleven derricks also herewith.

The steering gear and windlass have been tried under working conditions and found satisfactory.

The vessel is fitted for carrying oil fuel as fuel in D.B. compartments, oil fuel bunkers and settling tanks in E. Rm., and in tanks Pts abreast tunnel at after end.

The amount of Entry Fee	£	3	:	0	:	0	Fees applied for, 30/9/1946 Received by me, 19.
Special Survey Fee....	£	265	:	18	:	0	
<i>265 F6d</i>		14	-	0	-	0	
Travelling Expenses, if any	£		:		:		19.

(Special notations, where part of class, to be stated.)

We are
 I am of opinion the Vessel should be Classed 100A1 - with free board.
Fitted for oil fuel 946 F.P. above
150°F

State whether the Vessel has been built under Special Survey..... yes

Signature J. Simpson, A.D. Johnson,
Surveyors to Lloyd's Register of Shipping.

Certificate to be sent to Date of issue 2/11/48

Committee's Minute

Character assigned

Heated for oil fuel 9.46 F.P. above 150°F .

+ LMC 9.46. C.L. F.D. D.F. E.S.D.

L.P. turbine with D.R. gearing and Hydraulic Coupling

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.)

This vessel is similar to the same builders "JOHN HOLT" Liv. Rpt. No. 110977.

PARTICULARS OF ELECTRIC WELDING (if employed) Bridge front erection stiffeners welded at head and heel; bulwark stay lugs welded to deck; manhole coamings to D.B. tank top; transverse bulkhead stiffener brackets riveted to vertical strips welded to tank top; plate shoes on F and A. Peak tank tops welded to frames, shell and plating; tripping brackets to flanged hatch side and end beams; 6"x1 1/2" rubbing strips Pps welded to shell plating.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Wireless, Direction Finding Apparatus, Echo-Sounding Apparatus, Fitted for oil fuel F.P. above 150° F.

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

1st Bower

2nd "

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 19.5 ft., R.Q.D. ft., Bridge 42.5 ft., Forecastle 25.75 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 181035

Signal Letters

Extreme Breadth over Belting 52'-9 3/4"

Over-all Length 391'-0"

No. and Material of Decks 2 decks steel

Parts of Bottom of Vessel coated with cement or approved composition

part cement

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,	64.12	132.5	Fore peak tank,	18.88	116.1
Double bottom, under Engines and Boilers,	59.38	191.9	After peak tank,	14.75	24.8
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	164.88	537.2	Settling tanks and D.F. Bunkers Pps.	28.5	297.6
Total length (if continuous) and Capacity	288.38	861.6	Other tanks, if fitted, Tank's abreast tunnel	21.38	69.6
			(If necessary, furnish further information by sketch.)	14.25	

Order for Special Survey No. 1370

Date

22/3/45.

Dates of Surveys held while building

20/6/45 to 6/9/46

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Total No. of Visits

99.