

STEEL STEAMER or MOTORSHIP.

24 APR 1926

Received at London Office

State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel YesDate of completion of report April 23rd 1926 Port of Middlesbrough No. 12647
Survey held at South Bank, Middlesbrough Date First Survey July 24th 1925 Last Survey April 23rd 1926On the (State if Machinery fitted A1 and if Single, Twin or Triple Screw) Single Screw "ROBERT L HOLT."State Type (Full Scantling Complete Superstructure with or without Tonnage Openings) Complete Superstructure without tonnage openings State Type of Erections Forecastle

TONNAGE under Tonnage Deck... <u>2629.70</u>	CLASS <u>100A1</u>	State if with freeboard as condition of Class <u>with freeboard</u>	Built at <u>South Bank, Middlesbrough</u>
Do. of space or spaces between Tonnage Deck and Upper Deck <u>2629.70</u>	Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) <u>L 309.6</u>	Launched <u>11th February 1926</u>	Yard No. <u>822</u>
Total <u>2629.70</u>	Breadth (greatest moulded) <u>B 44.25</u>	Builders <u>Messrs Smith's Dock Co. Ltd.</u>	
Gross Tonnage <u>2909.36</u>	Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) <u>D 26.33</u>	Owners <u>John Holt & Company (Liverpool) Limited</u>	
Register Tonnage <u>1687.48</u>	1st Longitudinal Number (L x D) <u>= 8,152</u>	Managers <u>(Where necessary to be entered in Reg. Book.)</u>	
	2nd Numeral L x (B + D) <u>= 21,852</u>	Residence <u></u>	
REGISTERED DIMENSIONS. FEET.	Framing Depth "d," at middle of length. See Sec. 3 (1d) <u>15.25</u>	Port of Registry <u>Liverpool</u>	
Length <u>310.0</u>	Proportions—Depth to Length—Uppermost continuous deck to top of keel <u>11.76</u>	If surveyed while building, afloat, or in dry dock <u>Yes</u>	
Breadth <u>44.6</u>	Do. Long Bridge to top of keel <u>19' 10"</u>		
<u>24.3</u>	Draught Moulded <u>19' 10"</u>		

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.
MES, Spacing amidships	27.		Bracket Floors, Frame	8 3 40	+1"
" from 1/2 length to Collision bulkhead	27.		" " Reversed Frame	6 1/2 3 40	
" in peaks	24.		" " Vertical Struts	15 x 36	
E FRAMING.			Centre Girder, depth and thickness amidships	36 x 48	
Frame Amidships, Angle <u>E or F</u>	8 3 44		" " top Angles	5 5 44	
" " Extends up to <u>Upper D^g</u>			" " bottom Angles	5 5 52	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	1 — 36	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	29 x 40	
Depth of Framing Girder	8		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 1/2 x 36	
Frames in Uppermost Continuous 'tween Decks, Angle <u>E or F</u>	8 3 44		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 6 36	
" " Second 'tween Decks, Angle, <u>E or F</u>			" " Gussets, spacing and scantling abaft 1/2 len. from stem	None	Tank stay connections increased as required in lieu of gussets
" " Third " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem	None	
Framing in Peaks, Angle <u>E or F</u>	6 3 39		Tank Side Brackets, height above base line at toe of Frame and thickness	5 1/2 x 38	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 — 5"		INNER BOTTOM PLATING.		
State if Frame Joggled	No.		Breadth and thickness of Middle Line Strake	47 x 44	
STIFFENING ARRANGEMENTS (Sec. 7), state system and particulars	3 webs 21" x 42 25 stringers 31" x 34 12 21" x 34		Thickness of remainder in Holds	38	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Get intercostal to frame 116 At B, strakes midship thks to cell. lhd: 5 x 5 x 36 frames.		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.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, <u>E or F</u>	10 3 1/2 47	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, <u>E or F</u>		
Middle Line Keelson, on Floors, Angles, <u>E or F</u>			Spacing	alternate	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, <u>E or F</u>	11 3 1/2 65	
" " Foundation Plate on Floors			Spacing	alternate	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, <u>E or F</u>		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercostal Plate			Fourth Deck, amidships, Angle, <u>E or F</u>		
" " Angles			Spacing		
SOLID BOTTOM.			Poop Deck, Angle, <u>E or F</u>		
Solid Floors, thickness and spacing	Every 37 36		Spacing		
" " Are Frame and Reversed Frame joggled?	No.		Bridge Deck, Angle, <u>E or F</u>		
Bracket Floors, breadth and thickness at middle line	27 x 36		Spacing		
" " breadth and thickness at margin plate	27 x 36		Forecastle Deck, Angle, <u>E or F</u>	9 3 1/2 46	
			Spacing	alternate	

* indicates 1924 standard section

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		Stringer Plate, breadth and thickness in way of Bridge	✓	
" in 'tween Decks, Size and Spacing.....	2 3/4" alternate		Thickness of Plating abreast Deck openings in way of Wells .....	.36	
" " " " " "	✓		Thickness of Plating abreast Deck openings in way of Bridge	✓	
" in Holds " "	4 1/2" alternate	(caplans)	Thickness of Plating within line of openings...	.36	
" " " " " "	✓		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.....	60 x .48		If Plated, state thickness	✓	
" " " " in way of Bridge	✓		Poop Deck.		
" Angle in Wells	5 5 .52		Stringer Plate, breadth and thickness	✓	
Thickness of Plating abreast Deck openings in way of Wells .....	.32	✓	Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings in way of Bridge .....	.50 x .36		Bridge Deck.		
Thickness of Plating within line of openings...	.30		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness	Leak 2 1/2"		Plating, Sheathing, material and thickness ...	✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	60 x .40		Stringer Plate, breadth and thickness.....	.28	
			Plating, Sheathing, material and thickness ...	.28 Leak 2 1/2"	

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	RIVETS.	No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.	Inches.	Inches.	
FLAT PLATE KEEL	47	.73	.68	.68	+ .10.	Double	7/8 3 3/8	3	7/8	3	Shapped
" DBLG. (if any)	✓										
BOTTOM PLATING, No. of Strakes	3	.51	.44	.50 x .42	(caplans)	"	3/4 2 7/8	3	3/4	2 5/8	"
BILGE PLATING, No. of Strakes	1	.51	.42	.42		"	3/4 2 7/8	3	3/4	2 5/8	"
SIDE PLATING, No. of Strakes	3	.51	.42	.42		"	3/4 2 7/8	3	3/4	2 5/8	"
UPPER DECK, Sheer-strake in Wells.....	60	.58	.42	.42		"	7/8 3 3/8	3	7/8	3	"
UPPER DECK, Sheer-strake in Bridge ...	✓										
STRAKE BELOW Sheer-strake in Wells.....	68	.54	.42	.42		"	3/4 2 7/8	3	3/4	2 5/8	"
STRAKE BELOW Sheer-strake in Bridge ...	✓										
POOP SIDE PLATING	✓										
BRIDGE SIDE PLATING ...	✓										
FORECASTLE SIDE PLATING	.38					Single	3/4 2 7/8	2	3/4	2 5/8	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—					
Extending to Upper Deck (Sec. 3 c).....	6				
" Deck next below.....	✓				
As per Rule.....	5.				
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	.26	4 x 3 1/2 x 30	30"	✓	✓
" " Second "	✓				
" " Third "	✓				
" " Holds .....	.44	8 1/2 x 3 1/2 x 44	30"	✓	✓
COLLISION " (in Hold) .....	.43	9 x 3 1/2 x 42	24"	✓	✓
AFTER PEAK " " .....	.41	7 x 3 1/2 x 42	24"	✓	✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓		✓	
STEM		8 x 2 3/4	Frodsham	
STERN FRAME { Propeller Post	Forging	9 x 6	T.S. Foster	
{ Rudder		8 x 6		
RUDDER—A x D.....		290.		
Speed of Vessel.....		10 Knots		
RUDDER mainpiece at head ...	Forging	8"	T.S. Foster	
" " heel ...		6"		
" how constructed	Forging			
" double or single plate	Single plate .96			
" coupling, vertical or horizontal.....	Horizontal			

STEEL.

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

Dorman Long & Co., Bolton Vaughan. Cargo Fleet Iron Co.

Has the Steel been tested as required by the Rules? Yes.

Lloyd's Register Foundation

EQUIPMENT No. 22591												LETTER E	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.	Cwts.			
59211.	1st Bower ...	52	3	4				44	1	3	14	42-0-0.	Jorgan Stockless	S. Taylor	L.P.H.T. 27.11.25. WAD
59212	2nd " ...	52	2	21				44	0	1	7	42-0-0.	" "	" "	L.P.H.T. 27.11.25. WAD
59292	3rd " ...	46	0	14				39	19	0	7	35-0-0.	" "	" "	L.P.H.T. 23.12.25. WAD
	Collective weight.	151	2	11								119-0-0			
59201.	Stream	11	1	4	3	0	0	13	2	2	0	11-0-0.	Ordinary	S. Taylor	L.P.H.T. 23.11.25. WAD

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.	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.		
14763	240	2 1/2	76 1/2	107.2	513.	0.	26.	425.	1.0	240	2 1/2	S. Taylor	L.P.H.S. 4 11 25 J.H.B.	TOWLINE...	100	4	33	100	4
													HAWSERS & WARPS	2290	2 1/2	12 1/2	2290	2 1/2	
													"	2290	2 1/2	9 1/2	2290	2 1/2	
Iron Stream Chain or Steel Wire	75	4 1/2		35						75	4 1/2	J.S.W.P. & W. Smith							

Steering Gear, Steam *Yes. Moss & Donkin*Steering Gear, Hand *Yes.*Boats *4 Sloopboats. 2 Working Boats*Steering Chains, Size and Test *1 1/2**15-2-20*Windlass *Smerson Walker*Ceiling in Holds, thickness and material *2 1/2" Pitch Pine*Cargo Battens, thickness, material and spacing *6" x 2" White Wood. 9" Clear.*Cargo Hatchways.—(Upper Deck) *Plates and angles. B. G. & Tiffener* Thickness of Hatches *3"*Size of No. 1 Hatchway (Forward) *20'3" x 16'0"* No. 2 *20'3" x 16'0"* No. 3 *20'3" x 16'0"* No. 4 *20'3" x 16'0"* No. 5

No. 6

Number of Shifting Beams and/or Fore and Afters *No 1-3. No 2-3. No 3-3. No 4-3.*FOR SMITH'S DOCK COMPANY, L^d

Builder's Signature

*J. W. Cairns**Surveyor Manager.*

GENERAL DECLARATION *This vessel has been built in accordance with the approved plans and the revised rules of the Society for the class contemplated, also the Secretan's letter from 22nd May 1925 to 9th November 1925*

*The workmanship and materials are good.**The assigned freeboard has been cut in on the vessel's side and verified.**All double bottom tanks and peak tanks have been tested under water pressure.**The decks, bulkheads and tunnel have been hose tested. W.Y. Door and pumps tested.**Steam steering gear and connections, windlass and winches tested under steam.**3 Forging Certificates attached.*

Approved plans enclosed:- Midship Section, Profile & Decks, Hatch and beams & girders, Superstructures, Tunnel, Stemframe & Rudder (2), Strengthening of bottom forward, alternative arrangement No 2 Hatch coaming, Modification to U.D. Beams, Modification to h.f.d. Hatch, Pumping, Arrangement of Washports, Bunker Strips.

The amount of Entry Fee £ *6 : 0 : 0.*

Fees applied for,

*23.4.1926*Special Survey Fee.... £ *220 : 9 : 0.*

Received by me,

1/5/26

Travelling Expenses, if any £ : :

I am of opinion the Vessel should be Classed *+100 A1* with freeboard.State whether the Vessel has been built under Special Survey *Yes*

Signature

Colin Bartlett

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to **MIDDLESBROUGH**

Date of issue

25/4/26

Committee's Minute

TUES. 27 APR 1926

Character assigned

*100 A1 with freeboard.**Lloyd's A.C.P.**+ L.M.C. 4.26**C.L.*

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Lloyd's Register
Foundation

W211-0080(212)

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.)

also plans as built:- Midship Section, Profile and Decks.
= 14 approved plans, 2 plans as built.

Sister Ships:- Messrs Smulders & Co 820 S.S. "John Holt" Middlesbrough Report No 12555
" " " " 821 S.S. "Jonathan C. Holt" " " " 12611.

2 extra Kedge anchors supplied:-

Cast No	wt	wt stock	Test	Description	Makers
59183.	5.2.7	1.1.21	7.16.1.0	Ordinary	S. Taylor. L.P.H.T. 18.11.25 W.A.D.
59184.	5.2.7	1.2.7	7.16.1.0	"	" " L.P.H.T. 18.11.25 W.A.D.

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

1st Bower	✓	Weight of forged head	33.1.18.
2nd "	✓	" " "	32.3.7.
3rd "	✓	" " "	27.0.21

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 29.3 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) 2 Decks (Steel)

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

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	74'-3"	92.	Fore peak tank,	15'-4"	50
Double bottom, under Engines and Boilers,	38'-3"	100.	After peak tank,	14'-0"	26.
Double bottom, if under Engines only,	—	—	Deep tank, aft,		
Double bottom, if under Boilers only,	—	—	Deep tank, forward,		
Double bottom, forward,	150'-9"	328.	Other tanks, if fitted,		
	Total capacity of double bottom	520.	(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. 1110

Date

20th Jun 1925

Dates of Surveys held while building

1925
Jul. 24, 28, 29, 31. Aug. 13, 19. Sep. 4, 14, 24. Oct. 1, 9, 15, 20, 25, 27, 28, 30. Nov. 4, 10, 16, 17, 23, 27. Dec. 3, 4, 7, 9, 11, 16, 24.
1926
Jan. 4, 5, 14, 18, 21. Feb. 1, 5, 11, 12, 19. Mar. 8, 31. Apr. 9, 15, 22, 23.

Total No. of Visits

46