

STEEL STEAMER OR MOTORSHIP.

Received at London Office.

28 JUL 1943

State if Report has been sent on the Freeboard of the Vessel *yes*State if Report is sent on the Machinery of the Vessel *yes*Date of completion of report *5/7/1943* Port of *Liverpool* No. *119768*Survey vessel *Hytham* Date First Survey *23/12/41* Last Survey *3/7/1943*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Single Screw steel vessel "FRESH POOL"*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling* State Type of Erections *Closer forecastle*TONNAGE under Tonnage Deck ... *261.55* CLASS *Admiralty Tender Service* State if with freeboard as condition of Class *yes* Built at *Hytham*Do. of space or spaces between Tonnage Dk. and Upper Dk. *yes* Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *120.00* Launched *11/3/43* Yard No. *872*Breadth (greatest moulded) *24.50* Builders *Hytham S.B. & E. Co. Ltd*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *12.50* Owners *The Admiralty*1st Longitudinal Number (L x D) *1496.4* Managers *yes* (Where necessary to be entered in Log-Book)2nd Numeral L x (B + D) *4429.3* Residence *yes*Framing Depth "d" at middle of length. See Sec. 3 (1d) *11.25* Port of Registry *London*Proportions—Depth to Length—Uppermost continuous deck to top of keel *9.58* If surveyed while building, afloat, or in dry dock *Building afloat on slipway*Do. Long Bridge to top of keel *11.25*Draught Moulded *11.25*

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	21" ✓		Bracket Floors, Frame	4" 3" 3/8" ✓	
" " from 1/2 length amidships to Collision bulkhead	21" ✓		" " Reversed Frame	3 1/2" 2 1/2" 40" ✓	
" " in peaks	21" ✓		" " Vertical Struts on side girders	3 1/2" 2 1/2" 40" ✓	see plan
SIDE FRAMING.			Centre Girder, depth and thickness amidships	27" 32" ✓	
Frame Amidships, Angle <i>correct</i> or <i>ANGLE</i> <i>5-3-34 BR</i>	<i>5-3-34 BR</i>		" " top Angles <i>sqd</i>	2 1/2" 2 1/2" 30" ✓	
" " Extends up to <i>Deck</i>	<i>Deck</i>		" " bottom Angles <i>sqd</i>	3" 3" 34" ✓	
Reversed Frame Amidships, Angle <i>2 1/2" 2 1/2" 38 BR</i>	<i>2 1/2" 2 1/2" 38 BR</i>		Side Girders, No. each side and thickness	<i>ONE</i> 27" ✓	
" " Extends up to <i>across floors</i>	<i>across floors</i>		Margin Plate depth (excl. of flange) and thickness	19" 27" ✓	
Depth of Framing Girder <i>54</i>	5" ✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
Frames in Uppermost Continuous Deck, Angle <i>5-3-34 BR</i>	<i>5-3-34 BR</i>		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area		
" " <i>FW tanks 18 to 29, 5-3-34 BR</i>	<i>5-3-34 BR</i>		" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " <i>1 to 3 & 65 to 67</i>	<i>4-3-5/16</i>		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem	<i>4-3-5/16</i>		Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle <i>4-3-5/16</i>	<i>4-3-5/16</i>		BOTTOM PLATING. (Top of floors)		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>5/8" @ 7 diam.</i>		Breadth and thickness of Middle Line Strake	22" 29" ✓	
State if Frame Joggled	<i>No.</i>		Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>No approved</i>		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?		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>No approved</i>		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in way of Angle, <i>5-3-34 BR</i>	4" 3" 32" ✓	
Floors, Depth and thickness at mid-line	15" 32" ✓		" " in way of Angle, <i>5-3-34 BR</i>	5" 3" 34" ✓	
Height of Brackets at side above base line at toe of frame	15" 32" ✓		Spacing	21" ✓	
Middle Line Keelson, on Floors, Angles <i>ER & BR half beams</i>	4 3 44 ✓		Second Deck, amidships, Angle <i>5-3-34 BR</i>	3 1/2" 2 1/2" 26" ✓	
" " Through Plate or Intercoastal Plate	40 ✓		Third Deck, amidships, Angle <i>5-3-34 BR</i>	5" 3" 30" ✓	
" " Foundation Plate on Floors	3 1/2 3 1/2 38 ✓		Spacing	21" ✓	
" " Flat Plate Keel Angles	<i>ONE</i>		Fourth Deck, amidships, Angle <i>5-3-34 BR</i>	4" 3" 32" ✓	
Side Keelsons, No. each side	<i>ONE</i>		Spacing	21" ✓	
" " thickness of Intercoastal Plate	36 ✓		Bridge Deck, Angle <i>5-3-34 BR</i>	4" 3" 32" ✓	
" " Angles	4 3 38 ✓		Spacing	21" ✓	
DOUBLE BOTTOM.			Forecastle Deck, Angle <i>5-3-34 BR</i>	4" 3" 32" ✓	
Solid Floors, thickness and spacing <i>in F.W. tanks</i>	27 26 <i>Alternate</i>		Spacing	21" ✓	
" " Are Frame and Reversed Frame joggled?	<i>No</i>				
Bracket Floors, breadth and thickness at middle line	20" 26" ✓				
" " breadth and thickness at margin plate	24" 26" ✓				

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.....	<i>✓</i>		
" " in 'tween Decks, Size and Spacing	<i>2 3/8"</i>	<i>.42"</i>	<i>✓</i>	Thickness of Plating abreast Deck openings in way of Wells.....	<i>.30"</i>	<i>✓</i>	
" " " " " "				Thickness of Plating abreast Deck openings in way of Bridge.....	<i>.24"</i>	<i>✓</i>	
" " in Holds " " " "				Thickness of Plating within line of openings..	<i>✓</i>		
" " " " " "				If Sheathed, material and thickness.....	<i>✓</i>		
Centre Line Bulkhead, Stiffeners and Spacing	<i>6" 3" .35"</i>	<i>✓</i>		Third Deck. Stringer Plate, breadth and thickness.....	<i>✓</i>		
Plating, thickness of	<i>.42"</i>	<i>.30"</i>	<i>✓</i>	If Plated, state thickness	<i>✓</i>		
STRINGERS AND DECKS.				Fourth Deck. Stringer Plate, breadth and thickness.....	<i>✓</i>		
Uppermost Continuous Deck.				If Plated, state thickness.....	<i>✓</i>		
Stringer Plate, breadth and thickness in Wells.....	<i>5 3/8"</i>	<i>.38"</i>	<i>✓</i>	Fifth Deck. Stringer Plate, breadth and thickness.....	<i>✓</i>		
" " " " " " in way of Bridge.....	<i>✓</i>			If Plated, state thickness.....	<i>✓</i>		
" " " " " " Angle in Wells	<i>3 3" .32"</i>	<i>✓</i>		Sixth Deck. Stringer Plate, breadth and thickness.....	<i>✓</i>		
Thickness of Plating abreast Deck openings in way of Wells.....	<i>.25"</i>	<i>.27"</i>	<i>at ends ✓</i>	Seventh Deck. Stringer Plate, breadth and thickness.....	<i>✓</i>		
Thickness of Plating abreast Deck openings in way of Bridge.....	<i>✓</i>			Plating, Sheathing, material and thickness ...	<i>✓</i>		
Thickness of Plating within line of openings...	<i>.28" .6" .24"</i>	<i>ford. ✓</i>		Eighth Deck. Stringer Plate, breadth and thickness.....	<i>✓</i>		
If Sheathed, material and thickness.....	<i>Durston's Composite</i>	<i>1" ✓</i>		Plating, Sheathing, material and thickness ...	<i>✓</i>		
Second Deck.				Ninth Deck. Stringer Plate, breadth and thickness.....	<i>42"</i>	<i>✓</i>	<i>.26" chequer ✓</i>
Stringer Plate, breadth and thickness in Wells.....	<i>✓</i>			Plating, Sheathing, material and thickness...	<i>.26"</i>	<i>✓</i>	<i>" ✓</i>

SCANTLINGS.				RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES <i>es</i> ✓		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS. Inches. Spacing cr. to cr. Inches.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.					Diam.	Spacing cr. to cr. Inches.		
Flat Plate Keel.....	<i>37"</i>	<i>• 40"</i>	<i>• 36"</i>	<i>• 38"</i> ✓		<i>Double</i>	<i>3 1/4"</i>	<i>3"</i>	<i>Double at ends</i>	<i>3 1/4"</i>	<i>2 5/8"</i>	<i>Strapped</i>
„ Dblg. (if any)												
Bottom Plating, No. of Strakes <i>2</i>		<i>• 30"</i>	<i>• 33"</i>	<i>• 27"</i> ✓		<i>Double</i>	<i>5/8"</i>	<i>2 1/2"</i>	<i>Double</i>	<i>5/8"</i>	<i>2 1/4"</i>	<i>Lapped</i>
Bilge Plating, No. of Strakes <i>1</i>		<i>• 30"</i>	<i>• 28"</i>	<i>• 27"</i> ✓		<i>Double</i>	<i>5/8"</i>	<i>2 1/2"</i>	<i>Double</i>	<i>5/8"</i>	<i>2 1/4"</i>	<i>Lapped</i>
Side Plating, No. of Strakes <i>1</i>		<i>• 30"</i>	<i>• 26"</i>	<i>• 28"</i> ✓		<i>Double</i>	<i>5/8"</i>	<i>2 1/2"</i>	<i>Double</i>	<i>5/8"</i>	<i>2 1/4"</i>	<i>Lapped</i>
Upper Deck, Sheer-strake <i>in well</i>	<i>53"</i>	<i>• 32"</i>	<i>• 26"</i>	<i>• 28"</i> ✓		<i>Double</i>	<i>5/8"</i>	<i>2 1/2"</i>	<i>Double</i>	<i>5/8"</i>	<i>2 1/4"</i>	<i>Lapped</i>
Upper Deck, Sheer-strake in Bridge ...			✓									
Strake below Sheer-strake <i>in well</i>		<i>• 30"</i>	<i>• 26"</i>	<i>• 26"</i> ✓		<i>Double</i>	<i>5/8"</i>	<i>2 1/2"</i>	<i>Double</i>	<i>5/8"</i>	<i>2 1/4"</i>	<i>Lapped</i>
Strake below Sheer-strake in Bridge ...			✓									
Poop Side Plating.....			✓									
Bridge Side Plating.....			✓									
Forecastle Side Plating		<i>• 24"</i>				<i>Single</i>	<i>5/8"</i>	<i>2 1/2"</i>	<i>Single</i>	<i>5/8"</i>	<i>2 1/4"</i>	<i>Lapped</i>

Total No. of W.T. BULKHEADS in Vessel—		9	2 BH for record
Extending to Upper Deck (Sec. 3 c)		8	✓
,, Deck next below		1	
As per Rule		H approved.	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
	No.	Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween	5/16	3 1/2" x 30"	5' x 3' x 30"	2 1/2"	
" "	9/16	3 1/2" x 24"	6' x 3' x 30"	2 1/2"	
" "	5/8	3 1/2" x 30"	6' x 3' x 30"	2 1/2"	
" "	1/2	3 1/2" x 24"	5' x 3' x 30"	2 1/2"	
" "	1 1/4	3 1/2" x 30"	5' x 3' x 30"	2 1/2"	
" "	2 1/2	3 1/2" x 30"	6' x 3' x 30"	2 1/2"	
" "	3	3 1/2" x 30"	6' x 3' x 30"	2 1/2"	
" "	4	3 1/2" x 24"	6' x 3' x 30"	2 1/2"	
COLLISION	(in Hold)				
AFTER PEAK		6 1/2"	28" x 60"	5' x 3' x 30"	2 1/2"

KEEL, Bar	Roller Bar 5 1/2" x 18"	Consolidated
STEM	W. Forging 52" x 2 1/2"	1/2" thick
STERN FRAME	Propeller Post	
	Rudder	✓
Speed of Vessel	Under 12 knots ✓	
RUDDER—Type	Double plate semi balanced	
" A x D	37-13	
" Diam. of head	1 1/4"	
" Mainpiece at top pintle	4 1/2"	
" " heel	3 1/4"	
" how constructed	Plate 5' 3" x 5' 3"	
" double or single plate coupling, vertical or horizontal	Double Horizontal	

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	Consolidated Iron Co. Ld. "Consolidated" (Siemens Martin open hearth) ✓
	Has the Steel been tested as required by the Rules? ✓/es ✓

[illegible][illegible]

Builder's Signature Alfred Rudenstam

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar		<i>Roller</i>		
STEM		<i>3" 5 1/2 x 1 1/8</i>	<i>Consett</i>	
STERN FRAME	<div> <div>Propeller Post</div> <div>Rudder</div> </div>	<div> <div><i>Forging</i></div> <div><i>5 1/2 x 2 3/4</i></div> </div>	<div> <div><i>Hythen</i></div> <div>✓</div> </div>	
Speed of Vessel		<i>Under 12</i>	<i>kn to</i>	
RUDDER—Type		<i>Double plate semi-balancer</i>		
" A x D		<i>37-13</i>	<i>1 1/2</i>	
" Diam. of head		<i>1 1/4</i>	<i>1 1/2</i>	
" Mainpiece at top pintle		<i>4 1/8</i>	<i>5 1/2</i>	
" " heel		<i>3 1/4</i>	<i>5 1/2</i>	
" how constructed		<i>Plate</i>	<i>5 1/2</i>	
" double or single plate		<i>Double</i>	<i>5 1/2</i>	
" coupling, vertical or horizontal		<i>Horizontal</i>	<i>5 1/2</i>	

78 Wick Co

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.)

Liverpool Report No 119301 (RFA Freshmore) sister vessel.

The following list of approved plans (duplicate copies of which are in the London office) have been retained in this office for reference in dealing with sister vessels now under construction at the same yard.

Midship section
Profile & decks
Shell expansion
Bulkheads
Engine seating
Rudder, sternpost & stem.
General arrangement & rig.
Riveting
Mast & details.

Forging reports forwarded herewith: Stern frame
Rudder stock & mainpiece
Tiller.

PARTICULARS OF ELECTRIC WELDING (if employed)

Deck plating in lower deck accommodation (forward & aft) & minor fittings.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

+ 100 A1 For Admiralty Tender Services

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

1st Bower

2nd

3rd

6 1/2 cwt, Admiralty Test, 30/7/41 W.D. DART R.A.T. 17A(3)
6 1/2 " " " " " " 17A(1)

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 or Forecastle are joined to the B.D., this should be distinctly stated

Official No. Signal Letters Extreme Breadth over Belting 25'-5 1/2" Over-all Length 126'-6" (Circ. 1611) (Circ. 1703)

No. and Material of Decks

Parts of Bottom of Vessel coated with cement or approved composition Engine & boiler rooms & forward & after spaces water with Blake's red Algide composition (Admiralty specification)

Particulars of composition (if fitted) and of approval upper deck covered with Duraste composition (Admiralty specification)

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,	7'-0"	16 1/2 ✓
Double bottom, under Engines and Boilers,			After peak tank,	3'-0"	17 1/2 ✓
Double bottom, if under Engines only,			Deep tank, aft, No 1 F.W. tank	10'-6"	88 ✓
Double bottom, if under Boilers only,			Deep tank, forward, 2 "	12'-3"	102 ✓
Double bottom, forward,			Other tanks, if fitted, 3 "	7'-0"	46 ✓
Total length (if continuous) and Capacity.	✓		(If necessary furnish further information by sketch.)		

Order for Special Survey No. 1342

Date

12/9/41

Dates of Surveys held while building

1941 Dec 23

1942 Jan 2, 9, 20, Sept 18, Oct 9, Nov 23, Dec 4, 11, 18, 23, 30

1943 Jan 21, 28, Feb 9, 10, 19, 25, Mar 10, 11, 26, Apr 28, 29, 29, May 5, 12, 19, 28, June 2, 17, 28, 29, July 1, 3

Total No. of Visits

34