

Rpt. 1.

STEEL STEAMER or MOTORSHIP.

Received at London Office 20 AUG 1942

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

3-8-42.

Port of

LIVERPOOL

No. 118227.

Survey held at

Lytham

Date First Survey

Sept 17th 1941

Last Survey

July 27th 1942

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Steel single screw FRESHENER

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

Full Scantlings

State Type of Erection *Closed Forecast.*

TONNAGE under Tonnage Deck...

262.92

CLASS +100 A1.

State if with freeboard

10.

For Admiralty Tender Services.

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

L 120'

Breadth (greatest moulded)

B 24'-6"

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

D 12'-6"

1st Longitudinal Number (L x D) = 1496.4

2nd Numeral L x (B + D) = 4429.3

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

11'-25"

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

9.58

Do. Long Bridge to top of keel

✓

Draught Moulded

10-3 7/8

Built at

Lytham.

Launched 16-3-42. Yard No. 869

Builders *The Lytham S.S. & B. Co. Ltd.*Owners *Admiralty*

Managers

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

Residence

Port of Registry *London.*

If surveyed while building, afloat, or in dry dock

Building and afloat.

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 3/4 length amidships to Collision bulkhead	21"		" " Reversed Frame	3 1/2' 2 1/2' 4"	
" " in peaks	21"		" " Vertical Struts	3 1/2' 2 1/2' 4"	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	27' 32"	
Frame Amidships, Angle, $\frac{1}{4}$ or $\frac{1}{8}$	5" 3' 3/4" (BR) 5" 3' 30" (ER)		" " top Angles	2 1/2' 2 1/2' 3"	
" " Extends up to	DECK		" " bottom Angles	3' 3' 3/4"	
Reversed Frame Amidships, Angle	2 1/2' 2 1/2' 38" (BR) 2 1/2' 2 1/2' 28" (ER)		Side Girders, No. each side and thickness	ONE 27"	
" " Extends up to	ACROSS FLOORS		Margin Plate depth (excl. of flange) and thickness	✓	
Depth of Framing Girder	52 1/2" 5"		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	✓	
Frames in Uppermost Continuous Deck, Angle, $\frac{1}{4}$ or $\frac{1}{8}$	4" 3' 5/16"		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	✓	
F.W. TANKS 18' 6" 39' 54' 50' INCLUSIVE	5 1/2' 3' 3"		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
" " Second Deck, Angle, $\frac{1}{4}$ or $\frac{1}{8}$	4" 3' 5/16"		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	✓	
" " Third " " " "	4" 3' 5/16"		Tank Side Brackets, height above base line at toe of Frame and thickness	46" 3"	
" " from 1/2 len. for'd. to 15% len. from Stem	✓		INNER BOTTOM PLATING.		
" " in Peaks, Angle $\frac{1}{4}$ or $\frac{1}{8}$	4" 3' 5/16"		Breadth and thickness of Middle Line Strake	37' 29"	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8" 7 DIAS		Thickness of remainder in Hold F.W. TANKS	27"	
State if Frame Joggled	NO.		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.	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	AS APPROVED		BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	AS APPROVED		Uppermost Continuous Deck, amidships in Wells, Angle, $\frac{1}{4}$ or $\frac{1}{8}$	4' 3' 32"	
SINGLE BOTTOM.			" " in way of Bridge, Angle, $\frac{1}{4}$ or $\frac{1}{8}$	5' 3' 34"	
Floors, Depth and thickness at mid-line in Hold ENGINE ROOM OR CLEAR OF F.W. TANKS	15' 32" 15' 38" 15' 28"		Spacing	21"	
Height of Brackets at side above base line at toe of frame	15' 28"		ER + BR 1/2 BEAMS.	3 1/2' 2 1/2' 26"	
Middle Line Keelson, on Floors, Angles, $\frac{1}{4}$ or $\frac{1}{8}$	4" 3' 44"		Second Deck, amidships, Angle, $\frac{1}{4}$ or $\frac{1}{8}$	5" 3' 3"	
" " Through Plate or Intercostal Plate	4"		FOR CREW SPACE LOWER DECK	42"	
" " Foundation Plate on Floors	✓		OFFICERS ACCOMMODATION AFT.		
" " Flat Plate Keel Angles	3 1/2' 3 1/2' 35"		Third Deck, amidships, Angle, $\frac{1}{4}$ or $\frac{1}{8}$	5" 3' 3"	
Side Keelsons, No. each side	ONE		Spacing	21"	
" " thickness of Intercostal Plate	36"		Fourth Deck, amidships, Angle, $\frac{1}{4}$ or $\frac{1}{8}$	✓	
" " Angles	4" 3' 38"		Spacing	✓	
DOUBLE BOTTOM.			AFT DECK		
Solid Floors, thickness and spacing	26 42		Peep Deck, Angle, $\frac{1}{4}$ or $\frac{1}{8}$	4" 3' 32"	
" " Are Frame and Reversed Frame joggled?	NO.		Spacing	21"	
Bracket Floors, breadth and thickness at middle line	20' 26"		Bridge Deck, Angle, $\frac{1}{4}$ or $\frac{1}{8}$	✓	
" " breadth and thickness at margin plate	24' 26"		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.....		ONE		Stringer Plate, breadth and thickness in way of Bridge		✓			
" in 'tween Decks, Size and Spacing.....		2 1/8" 12"		AT CREW SPACE FORD, LOWER DECK		30"			
" " " " " "		2 1/8" 12"		Thickness of Plating abreast Deck openings in way of Wells		2 1/8"			
" " " " " "		2 1/8" 12"		AT OFFICERS ACCOMMODATION AFT		2 1/8"			
" in Holds " " "		2 1/8" 12"		Thickness of Plating abreast Deck openings in way of Bridge		✓			
" " " " " "		2 1/8" 12"		Thickness of Plating within line of openings...		✓			
" " " " " "		2 1/8" 12"		If Sheathed, material and thickness		✓			
Centre Line Bulkhead.				Third Deck.					
Stiffeners and Spacing.....		6" 3" 35"		Stringer Plate, breadth and thickness.....		✓			
Plating, thickness of		4 1/2" 50"		If Plated, state thickness.....		✓			
STRINGERS AND DECKS.				Fourth Deck.					
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....		✓			
Stringer Plate, breadth and thickness in Wells.....		4 1/2" 38"		If Plated, state thickness		✓			
" " " " " " in way of Bridge		✓		Poop Deck.					
" Angle in Wells		3" 3" 32"		Stringer Plate, breadth and thickness		✓			
Thickness of Plating abreast Deck openings in way of Wells		28"		Plating, Sheathing, material and thickness		✓			
Thickness of Plating abreast Deck openings in way of Bridge		✓		Bridge Deck.					
Thickness of Plating within line of openings...		28"		Stringer Plate, breadth and thickness.....		✓			
If Sheathed, material and thickness		1/8" DURA-STEEL COMPOSITION		Plating, Sheathing, material and thickness		✓			
Second Deck.				Forecastle Deck.					
Stringer Plate, breadth and thickness in Wells...		✓		Stringer Plate, breadth and thickness.....		4 1/2" 26"			
				Plating, Sheathing, material and thickness		NONE			

SHELL PLATING.													
SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.			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.									
FLAT PLATE KEEL	34"	40"	36"	38"		DOUBLE.	3/4"	3.	TREBLE DOUBLE ENDS	3/4"	2 1/2"	STRAPPED	
„ DELG. (if any)	✓					✓							
BOTTOM PLATING, No. of Strakes ..2.....		30"	33"	24"		DOUBLE.	5/8"	2 1/2"	DOUBLE.	5/8"	2 1/4"	LAPPED	
BILGE PLATING, No. of Strakes ..1.....		30"	28"	24"		DOUBLE.	5/8"	2 1/2"	DOUBLE.	5/8"	2 1/4"	LAPPED	
SIDE PLATING, No. of Strakes ..1.....		30"	26"	28"		DOUBLE.	5/8"	2 1/2"	DOUBLE.	5/8"	2 1/4"	LAPPED	
UPPER DECK, Sheer- strake in Wells.....	53"	32"	26"	28"		DOUBLE.	5/8"	2 1/2"	DOUBLE.	5/8"	2 1/4"	LAPPED	
UPPER DECK, Sheer- strake in Bridge ...	✓					✓							
STRAKE BELOW Sheer- strake in Wells.....		30"	26"	26"		DOUBLE.	5/8"	2 1/2"	DOUBLE.	5/8"	2 1/4"	LAPPED	
STRAKE BELOW Sheer- strake in Bridge ...	✓												
POOP SIDE PLATING	✓												
BRIDGE SIDE PLATING ...	✓												
FORECASTLE SIDE PLATING		24"				SINGLE.	5/8"	2 1/2"	SINGLE.	5/8"	2 1/4"	LAPPED	

WATERTIGHT BULKHEADS.					FORGINGS and CASTINGS.				
Total No. of W.T. BULKHEADS in Vessel..... 9					Casting or Forging.				
Extending to Upper Deck (Sec. 3 c)..... 7					Scantlings.				
Deck next below..... 2					Maker's Name.				
As per Rule AS APPROVED					Any Departure from Approved Plans to be Noted.				
STIFFENERS.					STIFFENERS.				
FRAMES	Plating Thickness.	VERTICAL.		HORIZONTAL.	Plating Thickness.	VERTICAL.		HORIZONTAL.	Plating Thickness.
		Scantlings.	Spacing.			Scantlings.	Spacing.		
MIDSHIP BULKHEAD, Upper tween decks	53"	34 x 3	5 x 3 x 30	24"					
" BETWEEN Second DECK	42"	34 x 3	6 x 3 x 45	24"					
" " Third	14"	34 x 3	5 x 3 x 3	24"					
" " Holds	23"	34 x 3	6 x 3 x 3	24"					
COLLISION (in Hold)	30"	34 x 3	6 x 3 x 3	24"					
AFTER PEAK	4"	34 x 3	6 x 3 x 3	24"					
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)					CONSETT IRON CO. LTD. CONSETT (SIEMENS MARTIN OPEN HEARTH)				
STEEL.					Has the Steel been tested as required by the Rules? YES				

EQUIPMENT No.					LETTER					ANCHORS.				
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.				
41390	1st Bower	10	0	14	-	-	-	12	2	0	21	10 cwt.	Byns	Shunderland.
41295	2nd "	10	0	21	-	-	-	12	4	1	14	Approved.	Improved Stockless	15/10/41
	3rd "													W. H. Lorman.
	Collective weight.													
	Stream													

CHAIN CABLES.										HAWSEERS AND WARPS.									
Number of Certificate.	Length and size supplied.	Length.	Diam.	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.	Cir.	Tons.	Length.	Cir.
				Stain.	Break.	Supplied.	Per Rule.												
196811	100	1"	18	29	53-3-25	Approved			Steel	Lot	Bradley & Blackman		120	3"				H+W supplied	
196834	25	1"	18	29	13-2-2	"			Steel	Statis	13-4-2		113	4 1/2"				by Admiralty	
	125				6 1/2	1-2 1/2					S. B. Paul		120	3"				to their own	
													226	2 1/2"				specification	
Iron Stream																			
Chain or Steel Wire																			

Steering Gear, Type (Power or hand) **DONKINS, STEERING GEAR 5 1/2" NO 7321** Alternative Means of Steering **COMBINED STEERING + HAND**

Steering Chains (Size and Test) **3 1/2" SHORT LINK TEST 3-15-0-0** Windlass **CLARK CHAPMAN STEERING CYL 6 1/2" BOATS TWO 16 1/2" x 5 1/2" x 2-35" BOT.**

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

Cargo Hatchways. (Upper Deck) **STEEL FRAME AND W.T. COVERS** Thickness of Hatches **1/4" STEEL PLATE**

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

Number of Shifting Beams and/or Fore and Afters **✓**

Builder's Signature **THE LYTHAM SHIPBUILDING and ENGINEERING COMPANY, LIMITED**

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 built in accordance with the approved plans & instructions as per Secretary's letter, and in conformity with the Society's Rules. The material and workmanship are good. The forward and after fresh water tanks, double bottom tanks, bulkheads, and weather decks, have been tested in accordance with Rule requirements & found satisfactory.

Machinery, Steering Gear & Pumps tested & found satisfactory.

The amount of Entry Fee		£ 3	Fees applied for,		14 AUG 1942
Special Survey Fee		£ 27	Received by me,		AMIRALTY
Travelling Expenses, if any		£ 14	I am of opinion the Vessel should be Classed +10091.		For Admiralty Tender Services
State whether the Vessel has been built under Special Survey		YES	Signature		J. A. Rendley
Certificate to be sent to		LYTHAM S. H. 12	Date of issue		2/9/42
Committee's Minute		LIVERPOOL	28 AUG 1942		
Character assigned		General to London.	+10091		
			For Admiralty Tender Services		
			+ dim. 7 1/2		
			24 3/4, 0 1/2		

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.)

Sister Vessel, the S.S. "Fresbrook" Liverpool built 11/4/63.

The following list of approved plans (duplicate copies of which are in the London Office, (See Secretary's letter 2/4/41) are retained by this office for similar construction now in progress.

Shell Expansion.
Midship Section.
Profile + Decks.
Bulkheads.
Engine Seating.
Rudder Stem Post + Stem.
General Arrangement + Rig.
Riveting List.
Masts + Detail.

Forging reports attached herewith.

Stem Frame
Rudder Stock + Transverse
Pillar.

PARTICULARS OF ELECTRIC WELDING (if employed)

DECK PLATING IN LOWER DECK ACCOMMODATION FORWARD AND AFT.
AND MINOR FITTINGS.

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

+10041, "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 cwt (Admiralty Test) S. S. Lacey 20/10/41 to 1499 RAS
6 cwt (Admiralty Test) S. S. Lacey 20/10/41 to 1496 RAS

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 18'-5" ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 168298. Signal Letters ☒ Extreme Breadth over Belting 25'-5 1/2" Over-all Length 126'-6" (Circ. 1611) (Circ. 1703)

No. and Material of Decks ONE STEEL.

Parts of Bottom of Vessel coated with cement or approved composition D.B. Tanks, Engine room, Boiler room + forward + after spaces, coated with Blake's sea algicide composition (Admiralty Specification)

Particulars of composition (if fitted) and of approval Weather deck coated with Duracel 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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, NO 3.	7'-0"	4.	Fore peak tank, <input checked="" type="checkbox"/>		
Double bottom, under Engines and Boilers, <input checked="" type="checkbox"/>			After peak tank, <input checked="" type="checkbox"/>		
Double bottom, if under Engines only, <input checked="" type="checkbox"/>			Deep tank, aft, NO 3 F.W. TANK.	7'-0"	41.98.
Double bottom, if under Boilers only, <input checked="" type="checkbox"/>			Deep tank, forward, NO 1 " "	10'-6"	46.43.
Double bottom, forward, NO 1 TANK.	10'-6"	11 1/2.	Other tanks, if fitted NO 2 " "	12'-3"	87.24.
Total length (if continuous) and Capacity NO 2 TANK.	12'-3"	15 1/2.	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 1342

Date.

12/9/41

Dates of Surveys held while building

1941:—Sept 17. 23. Oct 10. 24. Nov 14. 18. 27. 28. Dec 5. 12. 23. 1942:—Jan 2. 9. 15. 28. Feb 13. 20. 27. Mar 5. 9. 11. 13. 16. 24. 27. Apr 2. 17. 24. 30. May 5. 8. 15. June 5. 17. 24. July 3. 6. 10. 14. 15. 17. 21. 22. 27.

Lloyd's Register Foundation
Total No. of Visits 44.