

## STEEL STEAMER or MOTORSHIP.

116 AUG 1944

Received at London Office

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

24/7/1944

Port of

Liverpool

No.

121446

Survey held at

Lytham

Date First Survey

26th March/43

Last Survey

18th July

1944

On the

Single screw steel vessel

"FRESH FORD"

State Type

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

Full Scantling

State Type of Erections

Closed fore castle

TONNAGE under Tonnage Deck

261.55

CLASS

Admiralty Tender Service

State if with freeboard as condition of Class

✓

Built at

Lytham

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

✓

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

L 120.00

Launched

23/3/44. Yard No. 875

Total

Breadth (greatest moulded)

B 24.50

Builders

Lytham S.B. &amp; E. Co. Ltd.

Gross Tonnage

282.91

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

D 12.50

Owners

The Admiralty

Register Tonnage

92.82

1st Longitudinal Number (L x D)

= 1496.40

Managers

✓

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

2nd Numeral L x (B + D)

= 4429.30

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

4.25

Residence

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

9.58

Port of Registry

London

REGISTERED DIMENSIONS.

FEET.

Length

121.20

Breadth

24.75

Depth

11.75

Draught Moulded

11' 2 1/2"

If surveyed while building, afloat, or in dry dock

Building, afloat &amp; on slipway.

## 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.
<b>FRAMES, Spacing amidships</b>	21 ✓		<b>Bracket Floors, Frame</b>	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	3 1/2 2 1/2 40 ✓	see plan
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	27 32 ✓	
Frame Amidships, Angle	5 3 3/4 BR ✓		" " top Angles	2 1/2 2 1/2 30 ✓	
Extends up to	Deck		" " bottom Angles	3 1/2 3 34 ✓	
Reversed Frame Amidships, Angle	2 1/2 2 1/2 28 ER ✓		<b>Side Girders, No. each side and thickness</b>	6 27 ✓	
Extends up to	across floors		<b>Margin Plate depth (excl. of flange) and thickness</b>	19 27 ✓	
Depth of Framing Girder	5		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous Deck	4 3 5/16 ✓		Bracket abaft 1/2 len. from stem		
Beams, Angle	5 3 3/4 BR ✓		" " Vertical Angle to Tank side		
1st Deck, Angle	5 3 3/4 BR ✓		Bracket from forward 1/2 len. from stem to Panting Area		
2nd Deck, Angle	5 3 3/4 BR ✓		Gussets, spacing and scantling abaft 1/2 len. from stem		
3rd Deck, Angle	5 3 3/4 BR ✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
4th Deck, Angle	5 3 3/4 BR ✓		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
from 1 len. for'd. to 15% len. from Stem			<b>BOTTOM PLATING (Top of floor)</b>		
in Peaks, Angle	4 3 5/16 ✓		Breadth and thickness of Middle Line Strake	22 29 ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 @ 7 dia ✓		Thickness of remainder in Holds		
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?		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	As approved.		<b>BEAMS.</b>		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	As approved.		<b>Uppermost Continuous Deck, amidships</b>	4 3 3/4 ✓	
<b>SINGLE BOTTOM.</b>			Fore & aft		
Floors, Depth and thickness at mid-line in	15 32 ✓		" " in way of	5 3 3/4 ✓	
Height of Brackets at side above base line at toe of frame	15 28 ✓		Spacing	21 ✓	
Middle Line Keelson, on Floors, Angles	4 3 1/4 ✓		ER & BR half beams		
" " Through Plate or Intercostal Plate	40 ✓		Second Deck, amidships, Angle	3 1/2 2 1/2 26 ✓	
" " Foundation Plate on Floors			Fore & aft space lower deck	5 3 30 ✓	
" " Flat Plate Keel Angles	3 1/2 3 1/2 35 ✓		Spacing	42 ✓	
Side Keelsons, No. each side	one		Officers H.C. aft		
" " thickness of Intercostal Plate	36 ✓		Third Deck, amidships, Angle	5 3 30 ✓	
" " Angles	4 3 38 ✓		Spacing	21 ✓	
<b>DOUBLE BOTTOM.</b>			Fourth Deck, amidships, Angle [ or ]	✓	
Solid Floors, thickness and spacing	27 26 Alternate ✓		Spacing	✓	
" " Are Frame and Reversed Frame joggled?	No		Fore Deck, Angle [ or ]	4 3 32 ✓	
Bracket Floors, breadth and thickness at middle line	20 26 ✓		Spacing	21 ✓	
" " breadth and thickness at margin plate	24 26 ✓		Bridge Deck, Angle [ or ]	✓	
			Spacing	✓	
			Forecastle Deck, Angle [ or ]	4 3 32 ✓	
			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.
<b>PILLARS, No. of Rows.....</b>	one ✓		Stringer Plate, breadth and thickness in way of Bridge .....	✓	
" " " " " " " "	28 = 62 ✓		Thickness of Plating abreast Deck openings in way of Wells (for ... space) .....	30 ✓	
" " " " " " " "	✓		Thickness of Plating abreast Deck openings in way of Bridge (for ... space) .....	24 ✓	
" " " " " " " "	✓		Thickness of Plating within line of openings... ..	✓	
" " " " " " " "	✓		If Sheathed, material and thickness .....	✓	
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....	6 3 .35		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....	42		If Plated, state thickness.....	✓	
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells .....	38 ✓		If Plated, state thickness .....	✓	
" " " " " " " " in way of Bridge .....	✓		<b>Poop Deck.</b>		
" " 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 .....	✓		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings... ..	.28 to .24 for ✓		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness .....	1" ✓		Plating, Sheathing, material and thickness ...	✓	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	42	26 degrees ✓
			Plating, Sheathing, material and thickness ...		26 degrees ✓

EQUIPMENT (No. <i>As approved</i> )						LETTER		ANCHORS.	
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLES.	Description of Anchor.	Makers.	Where and when tested and Superintended.	
<i>45573</i>	<i>1st Bower ...</i>	Cwts. <i>10</i> lbs. <i>1 1/4</i>	Cwts. <i>qrs</i> lbs.	Tons <i>6</i> cwt. <i>8</i> lbs.	<i>✓</i>	<i>Bow Admiralty Pattern</i>	<i>Not stated</i>	<i>Sunderland 31<sup>st</sup> 1914</i>	
<i>45574</i>	<i>2nd " ...</i>	<i>10 0 1 1/4</i>		<i>12 3 0 2 1/2</i>	<i>✓</i>	<i>Cast Steel Admiralty</i>	<i>- do -</i>	<i>R.S. Yogan</i>	
	<i>3rd " ...</i>					<i>do</i>	<i>- do -</i>	<i>do</i>	
	<i>Collective weight,</i>								
	<i>Stream ...</i>								

Steering Gear, Type (Power or hand) Donkin (Steam)  $4\frac{1}{2}" \times 5"$  ✓ Alternative Means of Steering hand ✓

Steering Chains (Size and Test) 9" short links ✓ Windlass Steam (Gemmill & Frow) ✓ Boats 1 @ 15.92 x 5.85 x 2.40  
State 1st 3-15-0-0-0 ✓ 7" x 8" ✓ 2 @ 15.90 x 5.90 x 2.40 ✓

Ceiling in Holds, thickness and material None ✓ Cargo Battens, thickness, material and spacing ✓

Cargo Hatchways.—(Upper Deck) Thickness of Hatches Hatch to fore store Hatch to fore cross space

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'-3" x 2'-3" ✓ No. 5 2'-6" x 3'-0" ✓ No. 6 ✓

Number of Shifting Beams } None ✓  
and/or Fore and Afters }

THE LYTHAM SHIPBUILDING and  
ENGINEERING COMPANY, LIMITED  
Builder's Signature R. Friedman

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 conformity with the Society's rules & regulations & the Secretary's letters. The scantlings & arrangements are in accordance with or equivalent to those shown on the approved plans. The workmanship & materials are good. The fore peak tank, aft peak tank, forward & after fresh water tanks, weather decks & bulk heads have been tested in accordance with the Rule requirements & found satisfactory.

Windlass, steering gear & pumps tested & found satisfactory.

The amount of Entry Fee ..... £ 3 : 0 : 0 Fees applied for, 19.....

Special Survey Fee.... £ 28 : 6 : 0 Received by me, 19.....

*Freeboard* 4 : 0 : 0

Travelling Expenses, if any £ 21 : 8 : 5

*Supervision of Repairs* 58 - -

State whether the Vessel has been built under Special Survey *Yes*

Certificate to be sent to *Liverpool* Date of issue *25/8/44*

*Admiralty*  
A/c rendered from  
London 14th 45

I am of opinion the Vessel should be Classed *+ 100 A1*  
*For Admiralty Tender services.*

Signature *Ward. S. Newton.*  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute  
Character assigned

LIVERPOOL 15 AUG 1944  
Transmit to London.

THES. 22-11-1944  
+100A1 In Admiralty  
Tender Service  
Lloyd's Reg  
Foundation



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 120255. (RFA Freshwell). 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.

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

Forging reports forwarded herewith: Stern frame  
Rudder stock & rudder piece  
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

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

1st Bower	6 cwt.	GAD.	312	20/3/1944
2nd "	6 cwt.	GAD	307.	20/3/1944
3rd "				

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. 169906 Signal Letters Extreme Breadth over Belting 25'-5 1/2" Over-all Length 126'-6"  
(Circ. 1611) (Circ. 1705)

No. and Material of Decks one (Steel)

Parts of Bottom of Vessel coated with cement or approved composition Engine & boiler rooms & forward & after spaces coated with Black's Red Algaecide Composition. (Admiralty Specification)

Particulars of composition (if fitted) and of approval upper deck covered with Duralastic 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,	7'-0"	17 1/2
Double bottom, if under Engines only,			Deep tank, N°1 FW 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. 1353

Date

19/6/42

Dates of Surveys held while building

1943  
Mar 26. Apr 2. 8. 21. 29. May 12. June 2. 17. 24. 29. July 28. Aug 5. 18. Sept 9. 15. 23. Oct 8. 13. 21. 26. 29.  
Nov 5. 12. 19. 26. Dec 3. 17. 22. 1944 Jan 5. 19. Feb 4. 9. 16. 23. Mar 1. 10. 21. 22. 23. 31. Apr 6. 19. 28.  
May 12. 26. June 19. 26. July 5. 11. 12. 14. 17. 18.

Lloyd's Register  
Foundation

Total No. of Visits

53.