

Rpt. 1

RECEIVED

27 APR 1944

IN D.O.

STEEL STEAMER OR MOTORSHIP.

Received at London Office. 26 APR 1944

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 *18/4/1944* Port of *LIVERPOOL* No. *120956*Survey held at *Lytham* Date First Survey *26/3/42* Last Survey *1/4/1944*On the *Single screw vessel "FRESH BURN"*State Type *Full Scantling* State Type of Erections *Closed fore castle*TONNAGE under
Tonnage Deck ... *261.55*CLASS *+100 A1 For Admiralty
Merchant Service* State if with freeboard
as condition of Class *✓*Built at *Lytham*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 *29/10/43* Yard No. *874*al *✓*Breadth (greatest moulded) *B 24.50*Builders *Lytham S.B. & E. G. Ld.*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) *= 1496.4*Managers *✓*

REGISTERED DIMENSIONS.

FEET

Length *121.20*Framing Depth "d," at middle of length. See
Sec. 3 (1d) *11.25*Residence *✓*Breadth *24.75*Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel *9.58*Port of Registry *London*Depth *11.75*Do. Long Bridge to
top of keel *✓*

If surveyed while building, afloat, or in dry dock

Draught Moulded *11'-2 3/4"**Building, afloat & 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.
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	3 1/2 2 1/2 .40 ✓	<i>see plan</i>
SIDE FRAMING. ✓			Centre Girder, depth and thickness amidships	27 .32 ✓	
Frame Amidships, Angle, <i>[diagram]</i>	5 3 .34 BR } ✓		" " top Angles	2 1/2 2 1/2 .30 ✓	
" " Extends up to.....	Deck ✓		" " bottom Angles.....	3 3 .34 ✓	
Reversed Frame Amidships, Angle	2 1/2 2 1/2 .38 BR } ✓		Side Girders, No. each side and thickness.....	ONE .27 ✓	
" " Extends up to.....	2 1/2 2 1/2 .28 ER } ✓		Margin Plate depth (excl. of flange) and thickness	19 .27 ✓	
Depth of Framing Girder.....	5 ✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
<i>5 to 8, 10 to 16, 58 to 63 inclusive</i> Frames in Uppermost Continuous 'tween Decks, Angle, <i>[diagram]</i>	4 3 5/16 ✓		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
<i>FW tanks 18 to 29, 54 to 56</i> " " Second 'tween Decks, Angle, <i>[diagram]</i> or <i>[diagram]</i>	5 1/2 3 .30 ✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....		
<i>1 to 3 & 65 to 67</i> " " Third " " angle " " "	4 3 5/16 ✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem	4 3 5/16 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle <i>[diagram]</i>	4 3 5/16 ✓		INNER BOTTOM PLATING. (Top of Floors) ✓		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	5/8 at 7 diam ✓		Breadth and thickness of Middle Line Strake...	22 .29 ✓	
State if Frame Joggled.....	No ✓		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 regard- ing 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>see plans</i>		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Fore & aft <i>[diagram]</i>	4 3 .32 ✓	
Floors, Depth and thickness at mid-line in Holds.....	15 .32 ✓		" " in way of Bridge, Angle, <i>[diagram]</i>	5 3 .34 ✓	
<i>BR - clear of FW tanks</i> Height of Brackets at side above base line at toe of frame. <i>[diagram]</i>	15 .38 ✓		Spacing	21 ✓	
Middle Line Keelson, on Floors, Angles, <i>[diagram]</i>	4 3 .44 ✓		ER & BR half beams ✓		
" " Through Plate or Inter- costal Plate .....	.40 ✓		Second Deck, amidships, Angle, <i>[diagram]</i>	3 1/2 2 1/2 .26 ✓	
" " Foundation Plate on Floors			<i>Fore cross space lower deck</i>	5 3 .30 ✓	
" " Flat Plate Keel Angles	3 1/2 3 1/2 .35 ✓		Spacing	42 ✓	
Side Keelsons, No. each side.....	ONE. ✓		<i>officer accom after</i>		
" " thickness of Intercoastal Plate...	.36 ✓		Third Deck, amidships, Angle, <i>[diagram]</i>	5 3 .30 ✓	
" " Angles	4 3 .38 ✓		Spacing.....	21. ✓	
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, <i>[diagram]</i>	✓	
Solid Floors, thickness and spacing <i>[diagram]</i>	27 .26 <i>Alternate</i>		Spacing.....	✓	
" " Are Frame and Reversed Frame joggled?	No ✓		<i>480.</i> Poop Deck, Angle, <i>[diagram]</i>	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, <i>[diagram]</i>	✓	
			Spacing.....	✓	
			Forecastle Deck, Angle, <i>[diagram]</i>	4 3 .32 ✓	
			Spacing.....	21. ✓	

(MADE IN ENGLAND.)

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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 3/8 - 42 ✓		Thickness of Plating abreast Deck openings in way of Wells the crew's space and lower deck .....	.30 ✓	
„ „ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge off car. H. Comm. aft. .....	.24 ✓	
„ in Holds „ „ „			Thickness of Plating within line of openings...	✓	
„ „ „ „ „ „			If Sheathed, material and thickness	✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing	6 3 .35 ✓ 42		Stringer Plate, breadth and thickness	✓	
Plating, thickness of .....	.30 ✓		If Plated, state thickness	✓	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness	✓	
Stringer Plate, breadth and thickness in Wells	53 .38 ✓		If Plated, state thickness	✓	
„ „ „ „ in way of Bridge	✓		Poop Deck.		
„ Angle in Wells	3 3 .32 ✓ .27 at ends ✓		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 b .24 ford. ✓		Stringer Plate, breadth and thickness	✓	
If Sheathed, material and thickness	1		Plating, Sheathing, material and thickness ...	✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	✓		Stringer Plate, breadth and thickness	42 .26 chequer ✓	
			Plating, Sheathing, material and thickness...	.26 ✓	

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.....	37	.40	.36	.38		Double	3/4	3	Treble Double at ends	3/4	2 5/8	Strapped	
„ Dblg. (if any)													
Bottom Plating, No. of Strakes .....2.....		.30	.33	.27		Double	5/8	2 1/2	Double	5/8	2 1/4	Lapped	
Bilge Plating, No. of Strakes .....1.....		.30	.28	.27		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.

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

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks			.43		
„ „ Second	Bhd. 9.17. 23 .30	26 6	4 x 3 x .30 ✓	24	As approved
„ „ Third	42 .53	.38	6 6 x 3 x .30 ✓	24	
„ „ Holds	57 ✓				
COLLISION „ (in Hold)	FR. 4	28-34	6 3 .32 8A ✓	24 ✓	
AFTER PEAK „	FR. 64	28-60	5 3 .30 ✓	24 ✓	

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		✓		
STEM	Roller Bar. W.I	5 3/4 x 1 1/8	Consett	
STERN FRAME { Propeller Post	Forging	5 1/2 x 2 3/4	By them	
{ Rudder		✓		
Speed of Vessel		under 12 knots ✓		
RUDDER—Type		Double plated semi-balancer ✓		
„ A x D		37.13 ✓		
„ Diam. of head		4 1/4 ✓		
„ Mainpiece at top pintle		4 1/16 ✓		
„ „ heel		3 1/4 ✓		
„ how constructed		Plated ✓		
„ 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).
 Consett Iron Co. LD. "Consett" (Siemens Martin open hearth)
 Has the Steel been tested as required by the Rules? Yes ✓

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 (R.F.A 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 or de same yard.

* Midship Section

* Profile & decks.

Shell expansion

* Bulkheads.

Engine Section.

Rudder, Sternpost & Stem.

General arrangement & rig.

Rigging

Mast & details.

Forward reports forwarded herewith :-

Stern frame

Rudder stock & main 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

+ 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	6 cwt 2 qrs 6 lbs.	GAD.	7	20/3/44
2nd "	6 cwt 3 qrs 8 lbs.	GAD.	302	20/3/44
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. 169811. Signal Letters. *Available* Extreme Breadth over Belting 25'-5 1/2" Over-all Length 126'-6"

No. and Material of Decks one (steel)

Parts of Bottom of Vessel coated with cement or approved composition Engine & boiler rooms & forward & aft spaces coated with Blake's Red Alginate Composition (Admiralty specification).

Particulars of composition (if fitted) and of approval Upper deck covers with Duralac 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, aft, No 1 F.W. tank	10'-6"	88
Double bottom, if under Boilers only,			Deep tank, forward, No 2 "	12'-3"	102
Double bottom, forward,			Other tanks, if fitted, No 3 "	7'-0"	46
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building

1943
Mar 26. Apr 2. 8. 21. 29. May 12. June 2. 17. 24. 29. July 7. 15. 21. 28. Aug 5. 18. Sept 9. 15. 23. Oct 8. 13. 21. 26. 28. 29.
Nov 5. 12. 19. 26. Dec 3. 17. 22. Jan 5. 19. Feb 4. 9. 16. 23. Mar 1. 10. 21. 22. 23. 24. 25. 31. Apr 1.

Total No. of Visits 47