

Date of completion of report

Survey held at

On the

State Type

4/1/45

Port of

Date First Survey

Last Survey

1944

Single screw steel vessel

FRESH TARN

122077

22/1/45

closed fire castle

TONNAGE under Tonnage Deck

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

Total

Gross Tonnage

Register Tonnage

REGISTERED DIMENSIONS.

Length

Breadth

Depth

CLASS

State if with freeboard as condition of Class

Built at

Launched

Yard No.

Builders

Owners

Managers

Residence

Port of Registry

If surveyed while building, afloat, or in dry dock

Full Scantling

100 A1 For Tender Services

Lytham

22/8/44

876

Lytham S. B. & E. Co. Ld.

The Admiralty

✓

✓

London

Whilst building, afloat, & on slipway

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

Breadth (greatest moulded)

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

1st Longitudinal Number (L x D)

2nd Numeral L x (B + D)

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

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

Do. Long Bridge to top of keel

Draught Moulded

120.00

24.50

12.50

1496.40

4429.30

11.25

9.58

11'-2 1/8"

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 ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	27 32 ✓	
Frame Amidships, Angle,	5 3 3/4 BR } 5 3 3/4 ER }	✓	" " top Angles	2 1/2 2 1/2 30 ✓	
" " Extends up to Deck	2 1/2 2 1/2 38 BR } 2 1/2 2 1/2 28 ER }	✓	" " bottom Angles	3 3 34 ✓	
Reversed Frame Amidships, Angle	2 1/2 2 1/2 28 ER }	✓	Side Girders, No. each side and thickness	6 27 ✓	
" " Extends up to across floor			Margin Plate depth (excl. of flange) and thickness	19 27 ✓	
Depth of Framing Girder	5 ✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
Frames in Uppermost Continuous Tween Decks, Angle,	4 3 5/16 ✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area		
Second Tween Decks, Angle,	5 3 30 BA ✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem		
Third " " Angle,	4 3 5/16 O.A. ✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
" " from 1 len. for'd. to 15% len. from Stem			Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle	4 3 5/16 ✓		INNER BOTTOM PLATING. (Top of floors)		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 @ 7 diars. ✓		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?	As approved ✓		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?	As approved ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships	4 3 32 ✓	
Floors, Depth and thickness at mid-line in Hold	15 32 ✓		" " in way of Bridge, Angle,	5 3 34 ✓	
B.R. Deck of F.W. Tanks	15 38 ✓		" " Spacing	21 ✓	
Height of Brackets at side above base line at toe of frame	15 28 ✓		E.R. = BR half beams	3 1/2 2 1/2 26 ✓	
Middle Line Keelson, on Floors, Angles,	4 3 44 ✓		Second Deck, amidships, Angle,	5 3 30 ✓	
" " Through Plate or Intercoastal Plate	40 ✓		Third Deck, amidships, Angle,	5 3 30 ✓	
" " Foundation Plate on Floors			" " Spacing	21 ✓	
" " Flat Plate Keel Angles	3 1/2 3 1/2 35 ✓		Fourth Deck, amidships, Angle,	✓	
Side Keelsons, No. each side	one ✓		" " Spacing	✓	
" " thickness of Intercoastal Plate	36 ✓		Peep Deck, Angle,	4 3 32 ✓	
" " Angles	4 3 38 ✓		" " Spacing	21 ✓	
DOUBLE BOTTOM.			Bridge Deck, Angle,	✓	
Solid Floors, thickness and spacing	21 26 ✓		" " Spacing	✓	
" " Are Frame and Reversed Frame joggled?	No ✓		Forecastle Deck, Angle,	4 3 32 ✓	
Bracket Floors, breadth and thickness at middle line	20 26 ✓		" " Spacing	21 ✓	
" " breadth and thickness at margin plate	24 26 ✓				

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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.....	Ghe. ✓		Stringer Plate, breadth and thickness in way of Bridge	✓	
" " " " " " " "	2 3/8 - 42 ✓		Thickness of Plating abreast Deck openings) in way of Wells at GHE's Spacing.....	30 ✓	
" " " " " " " "	✓		Thickness of Plating abreast Deck openings) in way of Bridge off-center 2 ft. ✓	24 ✓	
" " " " " " " "	✓		Thickness of Plating within line of openings...	✓	
" " " " " " " "	✓		If Sheathed, material and thickness	✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	6 3 .35 ✓		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of	42 ✓		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 ✓		Stringer Plate, breadth and thickness	✓	
Thickness of Plating abreast Deck openings) in way of Wells28 ✓		Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings) in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings... Durasteel composite ✓	.28 b .24 fur. ✓		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 thickness26 chequer. ✓	

SCANTLINGS.				RIVETING.							
AS IN VESSEL.				EDGES.		BUTTS.					
STRAKES.				State if jogged?							
AMIDSHIPS.				RIVERS.		No. of Rows of Rivets.					
Breadth.	Thickness.	Thickness.	Thickness.	Single or Double.	Diam. Spacing or to cr.	Rivets.		Strapped or Lapped.			
Inches.	Inches.	Inches.	Inches.		Inches. Inches.	Inches.	Inches.				
FLAT PLATE KEEL	37	40	36	38	Double	3/4	3	Treble	3/4	2 5/8	Stripper
" DBLG. (if any)	✓	✓	✓								
BOTTOM PLATING, No. of Strakes	31	30	33	27	Double	5/8	2 1/2	Double	5/8	2 1/4	Lapped
BILGE PLATING, No. of Strakes		30	28	27	Double	5/8	2 1/2	Double	5/8	2 1/4	Lapped
SIDE PLATING, No. of Strakes		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 ...		✓									
FORE'C'TLE SIDE PLATING		24	✓		Single	5/8	2 1/2	Single	5/8	2 1/4	Lapped

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

	Casting or Forging	Scantlings	Maker's Name	Any Departure from Approved Plans to be Noted.
KEEL, Bar	Roller	✓		
STEM	bar.	$5\frac{3}{4} \times 1\frac{3}{8}$	Consalt.	
	W. I.			
STERN Propeller Post	Forging	$5\frac{1}{2} \times 2\frac{3}{4}$	Lytham	

		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
Frame No. 1		57	3 1/4 x 30	5 x 3 x 30	24	
MIDSHIP BULKHEAD, Upper tween decks		9	3 1/2 x 26	4 x 3 x 30	24	
" " Second		53	3 1/4 x 30	6 x 3 x 38 BA	24	
" " Third		17	3 1/2 x 26	5 1/2 x 30 BA	24	
" " Holds		23	3 1/4 x 30	5 x 3 x 30	24	
" " Holds		30	3 1/2 x 30	6 x 3 x 30 BA	24	
COLLISION " (in Hold)		14	3 1/4 x 28	6 x 3 x 32 BA	24	
AFTER PEAK " "		64	2 1/2 x 60	5 x 3 x 30	24	
				4 x 3 x 30	24	

Speed of Vessel	Under 12 Knots
RUDDER-Type	Double plated semi balanced
" A x D	37-13
" Diam. of head	1 1/4
" Mainpiece at top pintle	1 1/8
" heel	3 1/4
" how constructed	Plated
" double or single plate	Double
" coupling, vertical or horizontal	vertical

STEEL. *Consett Iron Co. "Consett" Siemens-Martin open hearth* ✓

Has the Steel been tested as required by the Rules? *Yes* ✓

[illegible]

Number of Certificate.	Length and size supplied. Length. Diam.	Test per Certificate.		WEIGHT OF CHAIN CABLE.						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 B3.		
		Status- tory.	Break- ing.	Supplied.			Per Rule.							Length.	Diam.		Fathoms.	Cir.	Tons.
ZZ662A	97 $\frac{1}{8}$ " 4 1/2"	18.00	30.5	54	0	6				125 1 "	Study Link	Not stated	Gadby Heath W.V. Norman	TOWLINE...	120	5 1/2"	H & W		
ZZ663A	24 $\frac{1}{8}$ " 4 1/2"	18.00	31.3	13	1	20				- do -	- do -	- do -	/	HAWSERS & WARPS	113	4 1/2"	supplied by		
s	121 $\frac{3}{8}$ "													"	113	3"	Hymanity Co steel gun specification		
Iron Stream Chain or Steel Wire		Cir.								Cir.				"	226	2 1/2"			

Combined steam &
hand.

Boats $2 @ 16.00 \times 5.75 = 2.30$.

Cargo Battens, thickness, material and spacing.

Thickness of Hatches

No. 4 2'-3" x 2'-3" ✓ No. 5 2'-6" x 3'-0" ✓ No. 6 ✓

None.

Builder's Signature

THE LYTHAM SHIPBUILDING and
ENGINEERING COMPANY, LTD.

J. A. Friedmanthal
DIRECTOR

(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 in accordance with or equivalent to those shown on the approved plans. The workmanship & materials are good & the fire peak tanks, aft peak tank, forward & aft fresh water tanks, weather decks & bulkheads have been tested in accordance with the Rule requirements & found satisfactory. ✓
Rundlass, steering gear & pumps tested & found satisfactory. ✓

(Special notations, where part of class, to be stated.)

1845

I am of opinion the Vessel should be Classed
For Admiralty Tender Services.

Yes.

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

Date of issue 5/3/46

LIVERPOOL - 9 JUN 1945

Transmit to London

+100A1 For Admiralty Tender Service
Lloyd's A & C.P.

+ LMC 12 46

FEB 30 APR 1948

Delete class from
Ghost Book

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 121446 (R.F.A. Freshford) sister vessel.

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

Forging report forwarded here with :- { Stern frame
Rudder stock & main piece
Tiller.

PARTICULARS OF ELECTRIC WELDING (if employed)

Deck plating in lower deck accommodation (forward & aft) & main 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	S.H.G.	322.	20/3/1944
2nd "	6 cwt	S.H.G.	323	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. 169994 Signal Letters Extreme Breadth over Belting 25'-5 1/2" Over-all Length 126'-6" ☒

No. and Material of Decks One (S-steel)

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

Particulars of composition (if fitted) and of approval upper deck covered with Durashic 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,	7.00	16 1/2 ✓
Double bottom, under Engines and Boilers,			After peak tank,	7.00	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

12/11/43 to 22/12/44.



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Lloyd's Register Foundation

Total No. of Visits

45

No S.O.F. available when filed