

STEEL STEAMER OR MOTORSHIP.

Received at London Office 11 SEP 1946

State if Report has been sent on the Freeboard of the Vessel. YesState if Report is sent on the Machinery of the Vessel. YesDate of completion of report 31/8/46 Port of Liverpool No. 124449Survey held at by them Date First Survey 4th Sept/44 Last Survey 7th August 1946On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single screw steel vessel "Fresh Spray"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling State Type of Erections Closed forecastleTONNAGE under Tonnage Deck ... 261.55 CLASS +100 A1 Fst State if with freeboard as condition of Class ServicesDo. 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) 120.00Total ✓ Breadth (greatest moulded) B 24.50Gross 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 12.50Register Tonnage 92.82 1st Longitudinal Number (L x D) 1496.40REGISTERED DIMENSIONS. FEET 2nd Numeral L x (B + D) 4429.30Length 121.20 Framing Depth "d," at middle of length. See Sec. 3 (1d) 11.25Breadth 24.75 Proportions—Depth to Length—Uppermost continuous deck to top of keel 9.58Depth 11.75 Do. Long Bridge to top of keel 11.25Draught Moulded 11.25 Built at by themLaunched 5-3-46 Yard No. 885Builders by them S. B. & CoOwners The AdmiraltyManagers ✓ (Where necessary to be entered in the Book)Residence ✓Port of Registry LondonIf surveyed while building, afloat, or in dry dock 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 8	✓
" " from 1/2 length amidships to Collision bulkhead.....	21	✓	" " Reversed Frame.....	3 1/2 2 1/2 40	✓
" " in peaks	21	✓	" " Vertical Struts	2 1/2 2 1/2 40	✓ see plan
SIDE FRAMING.			Centre Girder, depth and thickness amidships	27 x 32	✓
Frame Amidships, Angle, <u>1/4"</u>	5 3 34 BR ✓		" " top Angles	2 1/2 2 1/2 30	✓
" " Extends up to.....	2 1/2 2 1/2 38 BR		" " bottom Angles.....	3 3 34	✓
Reversed Frame Amidships, Angle <u>1/4"</u>	2 1/2 2 1/2 25 ER		Side Girders, No. each side and thickness.....	6 ne 27	✓
" " Extends up to.....	2 1/2 2 1/2 25 ER		Margin Plate depth (excl. of flange) and thickness	19 x 27	✓
Depth of Framing Girder.....	5	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
Frames in Uppermost Continuous Deck, Angle, <u>1/4"</u>	4 3 1/6	✓	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area		
" " Second Continuous Deck, Angle, <u>1/4"</u>	5 3 30 BR	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem.....		
" " Third Continuous Deck, Angle, <u>1/4"</u>	4 3 5/16	✓	" " 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			Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle <u>1/4"</u>	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 x 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 in way of Bridge, Angle, <u>1/4"</u>	4 3 32	✓
Floors, Depth and thickness at mid-line in Holds.....	15 x 32	✓	" " in way of Bridge, Angle, <u>1/4"</u>	5 3 34	✓
Height of Brackets at side above base line at toe of frame.....	15 x 38	✓	Spacing	21	✓
Middle Line Keelson, on Floors, Angles, <u>1/4"</u>	15 x 28	✓	ER & BR half beams.		
" " Through Plate or Inter-Deck Plate	4 3 1/4	✓	Second Deck, amidships, Angle, <u>1/4"</u>	3 1/2 2 1/2 26	✓
" " Foundation Plate on Floors	1/40	✓	Port crew space lower deck	5 3 30	✓
" " Flat Plate Keel Angles	3 1/2 3 1/2 35	✓	Spacing	42	✓
Side Keelsons, No. each side.....	6 ne	✓	Third Deck, amidships, Angle, <u>1/4"</u>	5 3 30	✓
" " thickness of Intercoastal Plate...	36	✓	Spacing.....	21	✓
" " Angles	4 3 38	✓	Fourth Deck, amidships, Angle, <u>1/4"</u> or <u>1/2"</u>		
DOUBLE BOTTOM.			Spacing.....		
Solid Floors, thickness and spacing.....	27 x 26	Alternate	Peep Deck, Angle, <u>1/4"</u>	4 3 32	✓
" " Are Frame and Reversed Frame joggled?	No	✓	Spacing.....	21	✓
Bracket Floors, breadth and thickness at middle line	20 x 26	✓	Bridge Deck, Angle, <u>1/4"</u> or <u>1/2"</u>		
" " breadth and thickness at margin plate.....	24 x 26	✓	Spacing.....		
			Forecastle Deck, Angle, <u>1/4"</u>	4 3 32	✓
			Spacing.....	31	✓

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	.30"	✓
" " " " " "	✓		Thickness of Plating abreast Deck openings in way of Bridge	.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	✓	Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of	1/2	.30 see plan of Sideship	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 x .38	✓	If Plated, state thickness.....	✓	
" " " " in way of Bridge	✓		Poop Deck.		
" Angle in Walls	3 3 .32	✓	Stringer Plate, breadth and thickness.....	✓	
Thickness of Plating abreast Deck openings in way of Wells	.27 @ ends. .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 x .24	✓	Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness.....	Duraste 1"	✓	Plating, Sheathing, material and thickness	✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	✓		Stringer Plate, breadth and thickness.....	42 x .26 chequer	
			Plating, Sheathing, material and thickness...	.26 chequer	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	MIDSHIPS.		FORWARD.	AFT.		State if jagged?	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.	
Flat Plate Keel.....	37	.40	.36	.38		Double	3/4	3	Treble	3/4	2 5/8	Strapped.	
„ Dblg. (if any).....													
Bottom Plating, No. of Strakes.....		.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.....													
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 172 approved.

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				
STEM	Forged	5 1/2 x 1 1/8"	Condell.	
STERN FRAME	Propeller Post Rudder	Forging 5 1/2 x 2 3/4"	Lytham	
Speed of Vessel		Under 12 knots		
RUDDER—Type		Double plate 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	✓	

		Plating Thickness.	STIFFENERS.				
			VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP	BULKH'D, Upper 'tween decks	✓ 5/16	3/4 x 30	6 x 3 x 30	24	✓	
"	" Second	✓ 5/16	3/4 x 30	6 x 3 x 30	24	✓	
"	" Third	✓ 1/2	3/4 x 30	5 x 3 x 30	24	✓	
"	" Holds	✓ 3/8	3/4 x 30	6 x 3 x 30	24	✓	
COLLISION	" (in Hold)	✓ 1/2	3/4 x 28	5 x 3 x 32	24	✓	
AFTER PEAK	"	✓ 1/2	28 x 60	5 x 3 x 30	24	✓	

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Consett Iron Co. Consett. (Siemens Martin Open Hearth) ✓

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

EQUIPMENT (No. 2 approved)										LETTER	ANCHORS.
Number of Certificate.	Anchors.	WEIGHT, IN STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
48316	1st Bower	10	0	2	10	0	2	10	0	2	Byers & Co. Ltd. 15/9/45
48317	2nd	10	0	0	10	0	0	10	0	0	do do
	3rd										do do
	Collective weight										
	Stream										

CHAIN CABLES.										HAWSEERS AND WARPS.									
Number of Certificate.	Length and size supplied.		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 and Size per Table 53.		
	Fathoms.	Ins.		Tons.	Cwts.	qrs.	lbs.	Fathoms.	Ins.					Fathoms.	Ins.		Fathoms.	Ins.	
23256	120	1	18.00	27.00	64	3	0	125	1	Link	Not stated	Cradley Heath 20/11/45. W. V. Norman	TOWLINE	120	5	12	5		See
23257	153	1	18.00	27.00	8	1	14			do	do	do	HAWSEERS & WARPS	113	4 1/2				See
	135 1/3														113	3			See
		Cir.													226	2 1/2			See
Iron Stream Chain or Steel Wire																			

Steering Gear, Type (Power or hand) Donkin (steam) 4 1/2 x 5 ✓ Alternative Means of Steering Combined steam & hand ✓

Steering Chains (Size and Test) 9/16 short link chain ✓ Windlass Steam (Glenelg & Firth) ✓ Boats 2 @ 16" x 6" x 2' 4 1/2" ✓

Ceiling in Holds, thickness and material _____ Cargo Battens, thickness, material and spacing _____

Cargo Hatchways.—(Upper Deck) _____ Thickness of Hatches Hatch to fore hold Hatch to fore hold ✓

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 and/or Fore and Afters None ✓

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

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 it equivalent to those shown on the approved plans. The workmanship & materials are good & the five 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.

24/11/45 PRM ↑ SA 4100 nps 2100

24/11/45 OPM ↑ SA 4100 nps 2100

The amount of Entry Fee £ 4 85 0 (Special notations, where part of class, to be stated.)

Special Survey Fee £ 85 0 0 Inclusive

Travelling Expenses, if any £ 37 18 11

Fees applied for, 4 SEP 1946

Received by me, _____

I am of opinion the Vessel should be Classed +100 AI For Admiralty Tender Services.

Signature Harry S. Norton Superintendent to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey Yes

Certificate to be sent to Liverpool Date of issue 20/9/46

Committee's Minute LIVERPOOL 10 SEP 1946

Character assigned Transmit to London

+100 AI For Admiralty Tender Services

8,46 Lvs.

Lloyd's A & CP + LMC 8,46

FD. O.G.

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 R/C No 121446 (Freshford) sister vessel

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

Forging report for stern frame, rudder stock & main brace & tiller forwarded herewith.

not used by 30.12/19

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.

For Admiralty Tender Service.

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

1st Bower	5 cwt 2 qrs 0 lb. ✓	AB ↑	489	11/9/45
2nd "	5 cwt 2 qrs 0 lb. ✓	AB ↑	490	11/9/45
3rd "				

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. 180895. Signal Letters. Extreme Breadth over Belting 25'-5 1/2" (Circ. 1611). Over-all Length 126'-6" (Circ. 1703).

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 Blake's Red Highgrade Composition (Admiralty Specification) ✓

Particulars of composition (if fitted) and of approval upper deck covered with Durastic 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.)

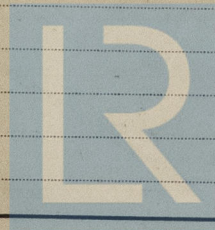
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	7'-0"	16 1/2 ✓
Double bottom, under Engines and Boilers,			After peak tank,	7'-0"	17 1/2 ✓
Double bottom, if under Engines only,			Double tank, No 1 F.W. tank	10'-6"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

Order for Special Survey No. 1359

Date 22/12/44

Dates of Surveys held while building

4/9/44 to 7/8/46



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Total No. of Visits 58