

STEEL STEAMER or MOTORSHIP.

MAR 10 1938

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 *from time*Date of completion of report *9 March 1938*Port of *Sunderland*No. *32326*Survey held at *Sunderland*Date First Survey *26 August '37* Last Survey *March 7. 1938*

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

SS. WELSH TRADER. Single Screw.

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

*Complete Superstructure with Tonnage Opening*State Type of Erections *C.S.S.*

TONNAGE under Tonnage Deck

5551.08

CLASS

+ 100A.1.

State if with freeboard as condition of Class

Yes

Built at

Sunderland

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

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

L 415

Breadth (greatest moulded)

B 58.08

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

D 26.84 + 8.00 = 34.84

1st Longitudinal Number (L x D)

= 14454

2nd Numeral L x (B + D)

= 38557

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

11.61

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

11.61

Do. Long Bridge to top of keel

23' 9 1/2"

Draught Moulded

23' 9 1/2"

Launched

14.1.38

Yard No.

584

Builders

Messrs J.L. Thompson & Sons Ltd.

Owners

Traders Navigation Co. Ltd.

Managers

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

Residence

Port of Registry

*LONDON.*If surveyed while building, afloat, *&* in dry dock*Yes.*

REGISTERED DIMENSIONS.

Length *425.4*
Breadth *58.4*
Depth *23.85*

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	30	✓	Bracket Floors, Frame	<i>L 6x32x38</i>	✓
" " from 3/4 length amidships to Collision bulkhead	27	✓	" " Reversed Frame	<i>L 5 1/2 x 3 x 38</i>	✓
" " in peaks	24	✓	" " Vertical Struts	<i>L 20 8 x 3 1/2 x 38</i>	✓
E FRAMING.			Centre Girder, depth and thickness amidships	<i>42 1/2 x 54</i>	✓
Frame Amidships, Angle, [or]	<i>12x32x32 1/2</i>	✓	" " top Angles	<i>3 1/2 x 3 1/2 x 47</i>	✓
" " Extends up to	<i>2nd Dk.</i>	✓	" " bottom Angles	<i>4 x 4 x 53</i>	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	<i>10.37</i>	✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	<i>38x54</i>	✓
Depth of Framing Girder	12	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	<i>5x5x43</i>	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	<i>7x32x42</i>	✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	<i>6x6x43</i>	✓
" " Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem	<i>10 1/2 x 41 fl. 2" continuous</i>	✓
" " Third " " "	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	<i>18 1/2 x 41 fl. 2" continuous</i>	✓
" " from 1/4 len. for'd. to 15% len. from Stem	<i>12x32x32 1/2</i>	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	<i>43x43</i>	✓
" " in Peaks, Angle or [<i>8x3x34</i>	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>7/8 5 3/4</i>	✓	Breadth and thickness of Middle Line Strake	<i>60x52</i>	✓
State if Frame Joggled	<i>Yes.</i>	✓	Thickness of remainder in Holds	<i>43</i>	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>Yes.</i>	✓	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?	<i>Yes.</i>	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>Yes.</i>	✓	BEAMS. <i>fitted longitudinally</i>		
ANGLE BOTTOM.			Uppermost Continuous Deck, amidships	✓	
Floors, Depth and thickness at mid-line in Holds	✓		" " in Wells, Angle, [or]	✓	
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge, Angle, [or]	✓	
Middle Line Keelson, on Floors, Angles, [or]	✓		Spacing	✓	
" " Through Plate or Intercostal Plate	✓		Second Deck, amidships, Angle, [or]	✓	
" " Foundation Plate on Floors	✓		Spacing	✓	
" " Flat Plate Keel Angles	✓		Third Deck, amidships, Angle, [or]	✓	
Side Keelsons, No. each side	✓		Spacing	✓	
" " thickness of Intercostal Plate	✓		Fourth Deck, amidships, Angle, [or]	✓	
" " Angles	✓		Spacing	✓	
DOUBLE BOTTOM.			Poop Deck, Angle, [or]	✓	
Solid Floors, thickness and spacing	<i>40 every 4'</i>	✓	Spacing	✓	
" " Are Frame and Reversed Frame joggled?	<i>Yes</i>	✓	Bridge Deck, Angle, [or]	✓	
Bracket Floors, breadth and thickness at middle line	<i>33x41</i>	✓	Spacing	✓	
" " breadth and thickness at margin plate	<i>41</i>	✓	Forecastle Deck, Angle, [or]	<i>9x32x38</i>	✓
			on Shelter Dk.	<i>every</i>	

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.....	✓		Stringer Plate, breadth and thickness in way of Bridge	✓	
„ in 'tween Decks, Size and Spacing.....	✓		Thickness of Plating abreast Deck openings) in way of Wells	34	✓
„ „ „ „ „	✓		Thickness of Plating abreast Deck openings) in way of Bridge	✓	
„ in Holds „ „	✓		Thickness of Plating within line of openings...	33	✓
„ „ „ „ „	✓		If Sheathed, material and thickness	✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	10x3 1/2x40 L 5'-0" apart.	✓	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	60 x 60	✓	If Plated, state thickness	✓	
„ „ „ „ in way of Bridge	✓		Poop Deck.		
„ Angle in Wells	6x6x60	✓	Stringer Plate, breadth and thickness	✓	
Thickness of Plating abreast Deck openings) in way of Wells	44	✓	Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings) in way of Bridge CASINGS	42	✓	Bridge Deck.		
Thickness of Plating within line of openings...	39	✓	Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness	✓		Plating, Sheathing, material and thickness ...	✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	66 x 38	✓	Stringer Plate, breadth and thickness.....	36	✓
			Plating, Sheathing, material and thickness ...	34	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		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	51½	.77 ✓	.67 ✓	.67 ✓		D	7/8	3 1/3 ✓	4	1	4 ✓	L
„ DBLG. (if any)												
BOTTOM PLATING, No. of Strakes <u>ABC</u>58 ✓	.65 ✓	.49 ✓		D	7/8	3 1/3 ✓	3	7/8	3 1/8 ✓	L
BILGE PLATING, No. of Strakes <u>DEF</u>58 ✓	.46 ✓	.48 ✓		D	7/8	3 1/3 ✓	3	7/8	3 1/8 ✓	L
SIDE PLATING, No. of Strakes <u>FGH</u>58 ✓	.46 ✓	.46 ✓		D	7/8	3 1/3 ✓	3	7/8	3 1/8 ✓	L
UPPER DECK, Sheer- strake in <u>Wells</u>	76	.69 ✓	.58 ✓	.46 ✓		D	7/8	3 1/3 ✓	4	7/8	3 1/2 ✓	L
UPPER DECK, Sheer- strake in Bridge ...						50	7/8	3 1/3 ✓	3	7/8	3 1/8 ✓	L 7
STRAKE BELOW Sheer- strake in <u>Wells</u>	78	.60 ✓	.58 ✓	.46 ✓								
STRAKE BELOW Sheer- strake in Bridge ...												
POOP SIDE PLATING												
BRIDGE SIDE PLATING ...												
FOREC'TLE SIDE PLATING			.42 ✓			S	3/4	3 ✓	1	3/4	2 5/8 ✓	L

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.		Scantlings.		Maker's Name.		Any Departure from Approved Plans to be Noted.	
Extending to Upper Deck (Sec. 3 c)									
,, Deck next below									
As per Rule									
		STIFFENERS.							
Plating Thickness.		VERTICAL.		HORIZONTAL.					
		Scantlings.	Spacing.	Scantlings.	Spacing.				
MIDSHIP BULKHD., Upper tween decks	✓								
,, Second ,,	✓								
,, Third ,,	✓								
,, Holds		44" 26	11x3 1/2	42 L	30"				
COLLISION ,, (in Hold)		52-32	7x3x34 L	24"	3 stringers.				
AFTER PEAK ,,		48-30	7x3x33 L	24"	Recess top 2 f.s. 4 stringers				
STEEL.		Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)				Open Heart Steel Co.			
		Corsett, former Long Shiningrove, Cargo Fleet, South Lurcan, of Scotland, Appleby Road, Colville.							
		Has the Steel been tested as required by the Rules?				Yes. ✓			

Rpt. 1*.

"Melok Trader"

SUNDERLAND. No. 32326

PARTICULARS OF LONGITUDINAL FRAMING.

MAR 10 1938

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.				
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Speng.	Number.		Diameter.	
Framing of L, L or C		✓																
Frames in Bridge 'tween Decks ...		✓																
Frames from Uppermost Continuous Deck No. 1		✓																
" 2		✓																
" 3		✓																
" 4		✓																
" 5		✓																
" 6		✓																
" 7		✓																
" 8		✓																
" 9		✓																
" 10		✓																
" 11		✓																
" 12		✓																
" 13		✓																
" 14		✓																
" 15		✓																
" 16		✓																
Spacing of Longitudinal Frames		✓																
Amidships		✓																
At Ends		✓																
Double Bottoms		✓																
L, L or C		✓																
Tank Top Longitudinals		✓																
Bottom ..		✓																
Spacing of Longitudinals		✓																
Amidships		✓																
At Ends...		✓																
Transverses.																		
In Bridge		✓																
'tween Decks		✓																
Depth and Thickness		✓																
Face Angles		✓																
Lugs to Shell*		✓																
In Upper 'tween Decks.		✓																
Depth and Thickness		✓																
Face Angles		✓																
Lugs to Shell*		✓																
In Hold.		✓																
Depth and Thickness		✓																
Face Angles		✓																
Lugs to Shell*		✓																
" " Back Bars ...		✓																
Brackets		✓																
Spacing of Transverse Frames		✓																
* State if joggled or liners.																		
Longitudinal Beams of		✓																
K, L or Z		✓																
Bridge Deck ...		✓																
Upper ..		6 x 3 x 31 ✓																
Second ..		7 x 3 x 31 ✓																
Third ..		✓																

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

500,12,27.-T.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

Character assigned

009235-009242-0134 2/3

Lloyd's Register
Foundation

EQUIPMENT No 39391 ✓												LETTER A + ✓		ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.				
37562	1st Bower ...	68	2	0	✓			52	18	3	0	68	Byers Improved Stockless	✓		Sld. 30/9/37 J.H. Butler
37554	2nd " ...	68	1	14	✓			52	18	3	0	68	do.	✓		Sld. 28/9/37 J.H. Butler
37563	3rd " ...	58	2	21	✓			47	12	2	0	58½	do.	✓		Sld. 30/9/37 J.H. Butler
	Collective weight.	195	2	7	✓							194½				
37564	Stream	23	3	7	✓	✓		23	15	2	14		do.	✓		Sld. 30/9/37 J.H. Butler

CHAIN CABLES.												HAWSERS 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.	
	Length.	Diam.	Statu- Tons.	Break- ing Tons.	Supplied.		Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
55114	135	2 5/16	96 5/20	134 15/20	365	3	0	720 3/4	270	2 5/16	Stud Link	Hendrick & Cradley Heath	27/8/37 L.C. Paul	TOWLINE...	120	4 3/4	64 12/20	120	4 3/4
55115	135	2 5/16	96 5/20	134 15/20	363	0	7				do.	do.	do.	HAWSERS & WARPS	2090	2 3/4	15 4/20	2090	2 3/4
														"	2090	2 1/2	13 4/20	2090	2 1/2
Iron Stream Chain or Steel Wire	90	5		52 16/20					90	5				"					

Steering Gear, Type (Power or hand) *Hestic, Steam Hydraulic* Alternative Means of Steering *Aux. Block & Tackle*

Steering Chains (Size and Test) *Telemotor* Windlass *Emerson Walker* Boats

Ceiling in Holds, thickness and material *NONE, tank top increased* Cargo Battens, thickness, material and spacing *6"x2" W.W. spaced 9"*

Cargo Hatchways.—(Upper Deck) *Steel plate & angle, Reith Patent* Thickness of Hatches *Islandwood "Locked Steel Hatches", 15" thick.*

Size of Hatchways No. 1 (Fwd.) *28'x19'-3"* No. 2 *35'x19'-3"* No. 3 *21'x19'-3"* No. 4 *35'x19'-3"* No. 5 *35'x19'-3"* No. 6 ✓

Number of Shifting Beams *Nº1-3, Nº2-4, Nº3-2, Nº4-5-4*

FOR AND ON BEHALF OF
Builder's Signature *JOSEPH W. THOMPSON & SONS, LIMITED.*

Chairman

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 *No*
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *No.* 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).

The vessel has been built in accordance with the approved plans, the Secretary's letters and the Society's Rules.

The material and workmanship are good.

The freeboard marks have been verified and cut in on the vessel's sides.

The double bottom tanks, fore and after peaks, deep tank, have been tested to rule requirements.

The deck, hullhead, tunnel, land pump, watertight doors, and hatchcoat have been tested and found good.

The windlass and steering gear have been tried under working conditions.

The auxiliary steering gear has been rigged and worked.

The following forging certificates are enclosed:— Stern Frame (upper), Stern Frame (Lower), Rudder Frame, Liller, Spare Liller.

The amount of Entry Fee £ 8: . . .	Fees applied for, 8 MAR. 1938	(Special notations, where part of class, to be stated.)
Special Survey Fee.... £323: 14: .	Received by me, 2/5 1938	I am of opinion the Vessel should be Classed <i>+100 A.I.</i> ✓
Freeboard .. 15 0 0		<i>with freeboard</i>
Travelling Expenses, if any £ : : .		Signature <i>W. E. C. Miller</i>
State whether the Vessel has been built under Special Survey <i>Yes</i>		Surveyor to Lloyd's Register of Shipping.
Certificate to be sent to <i>SUNDERLAND.</i> Date of issue <i>31/5/38</i>		

Committee's Minute ✓	FRI 18 MAR 1938
Character assigned <i>+ 100 A.I.</i>	
<i>iron freeboard</i>	
<i>Lloyds A & C.D.</i>	
<i>Rudder electrically welded</i>	
<i>locked steel interchangeable hatches</i>	
<i>+ rule 3.38</i>	
<i>2 lb (Lye) 220 lb</i>	
<i>1 line SB 270 lb 30 C.A.</i>	
<i>write set</i>	
<i>Nife</i>	

009235-009242-0134 3/3

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.)

Vessel placed in dry dock, bottom & rudder cleaned, examined, & coated (See Rpt. 8 attached)

Plans as built are being prepared, and will be forwarded in due course.

PARTICULARS OF ELECTRIC WELDING (if employed)

Both of Cruiser Stern Plating on & welded.
Masts, Bersick ports, mast houses, small latches, ventilator coaming, main hatch side bracket stays, welded to deck. Plate gussets welded to tank side bracket and to tank margin Rudder plating

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

Longitudinal Framing at Secks. ✓

Cruiser Stern

Rudder Electrically welded.

interchangeable
Locked steel latches. ✓

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

Including Pin	45	0	14	✓	A.E.S.	1411	29.7.37
1st Bower	43	2	14	✓	A.P.	1140	13.8.36
2nd "	36	2	7	✓	J.F.R.	2597	3.9.37
3rd "							

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 37.50 ft. ✓

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

Official No. 166372.

Signal Letters ✓

Extreme Breadth over Belting ✓

Over-all Length

442'-0 1/2" ✓

No. and Material of Decks

1 Deck (Steel) & Shelter Deck (Steel) ✓

Parts of Bottom of Vessel coated with cement or approved composition

Throughout ✓

Particulars of composition (if fitted) and of approval

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.)

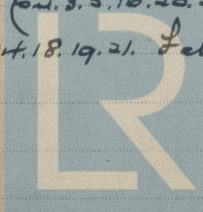
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	70 ✓	254 ✓	Fore peak tank,	22.125 ✓	154 ✓
Double bottom, under Engines and Boilers,	40 ✓	176 ✓	After peak tank,	18 ✓	160 ✓
Double bottom, if under Engines only,			Deep tank, aft, Tanks in way of tunnel	67.5 ✓	498 ✓
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	185.5 ✓	596 ✓	Other tanks, if fitted,		
Total length (if continuous) and Capacity	295.5 ✓	1026 ✓	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 5850

Date 5.2.37

Dates of Surveys held while building

1937. Aug. 26. Sep. 1. 24. 29. Oct. 12. 13. 21. Nov. 3. 5. 16. 20. 23. 26. Dec. 1. 2. 6. 10. 15. 16. 17.
22. 23. 24. 29. 30. 31. 1938. Jan. 4. 5. 6. 7. 10. 12. 13. 14. 18. 19. 21. Feb. 1. 4. 15. 17. 21. 22. 23. 24. 25. 28.
Mar. 24. 7.



Lloyd's Register Foundation

Total No. of Visits

48