

STEEL STEAMER or MOTORSHIP.

Received at London Office 13 SEP 1930

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

Port of LIVERPOOL.

No. 97588.

Survey held at

QUEENSPERRY:

Date First Survey

2nd November 1920

Last Survey

28th August 1930

On the

(State if Machinery fitted Aft and if Single, Twin or Triple Screw)

SINGLE: SCREW:

BRIGHTSIDE:

{ MACHINERY: FITTED: AFT: }

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

State Type of Erections

TONNAGE under Tonnage Deck...

CLASS 100A1.

State if with freeboard as condition of Class

Built at: QUEENSPERRY: CHESHIRE.

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 142.0.

Launched 10:6:30 Yard No. 464

Total 321.78

Breadth (greatest moulded) B 25.0.

Builders ABDELA MITCHELL: { WALTER SMITH }

Gross Tonnage 476.25

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

D 12.58

Owners THE ELTHAM SHIPPING CO. LTD.

Register Tonnage 188.52

TRANSVERSE: 1st Longitudinal Number (L x D) = 37.58

Managers G. CANNING.

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

REGISTERED DIMENSIONS.

FEET.

Length 142.2.

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

UPPER Dk. 11.33 R. Q. D. 15.33

Breadth 25.2.

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

11.3

Depth 11.55

Do. Longitudinal to top of keel

8.6

Draught Moulded AS PER ASSIGNED: FREEBOARD 12'-2"

Residence MANOR ROAD: WALLASEY: CHESHIRE.

Port of Registry LIVERPOOL.

If surveyed while building, afloat, or in dry dock

STOCKS AND AFLOAT.

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				
" " from $\frac{3}{4}$ length to Collision bulkhead	21	✓	✓	✓	" " Reversed Frame				
" " in peaks	21	✓	✓	✓	" " Vertical Struts				
SIDE FRAMING.					Centre Girder, depth and thickness amidships				
Frame Amidships, Angle [	5 1/2	3	32	✓	" " top Angles				
" " Extends up to	R. Q. D.			✓	" " bottom Angles				
Reversed Frame Amidships, Angle	2 1/2	2 1/2	25	✓	Side Girders, No. each side and thickness				
" " Extends up to	ACROSS TOP OF FLOORS			✓	Margin Plate depth (excl. of flange) and thickness				
Depth of Framing Girder	5 1/2	✓	✓	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem				
Frames in Uppermost Continuous 'tween Decks, Angle, [or [	✓	✓	✓	✓	" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem				
" " Second 'tween Decks, Angle, [or [	✓	✓	✓	✓	" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem				
" " Third " " " "	✓	✓	✓	✓	" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem				
Framing in Peaks, Angle [	4	3	34	✓	Tank Side Brackets, height above base line at toe of Frame and thickness				
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4	6-7	DIA.	✓	INNER BOTTOM PLATING.				
State if Frame Joggled	-	NO	-	✓	Breadth and thickness of Middle Line Strake				
ANTING ARRANGEMENTS (Sec. 7), state system and particulars	AS PER APPROVED PLANS			✓	Thickness of remainder in Holds				
STRENGTHENING OF BOTTOM FORWARD. State Particulars	3 STRAKES: A, B, C AND KEEL PLATE MIDSHIP THICKNESS TO COLLISION BULKHEAD: DOUBLE FRAMES FORWARD OF $\frac{1}{2}$ LENGTH.				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?				
ANGLE BOTTOM.					BEAMS. UPPER DECK.				
Floors, Depth and thickness at mid-line in Holds	15	30	✓	✓	Uppermost Continuous Deck, amidships	5	3	30	FOR WELL HALF BEAMS 4x3x30 (F.P. 5x3x40)
Height of Brackets at side above base line at toe of frame	✓	✓	✓	✓	" R.Q.D. " in way of Bridge, Angle, [	5	3	30	R.Q.D. HALF BEAMS. 4x3x30
Middle Line Keelson, on Floors, Angles, [or [	5 1/2	3	44	DOUBLE LUGS.	Spacing	2 1/2	✓	✓	✓
" " " Through Plate or Intercoastal Plate	✓	✓	✓	✓	Second Deck, amidships, Angle, [or [✓	✓	✓	✓
" " " Foundation Plate on Floors	✓	✓	✓	✓	Spacing	✓	✓	✓	✓
" " " Flat Plate Keel Angles	3 1/2	3	40	✓	Third Deck, amidships, Angle, [or [✓	✓	✓	✓
Side Keelsons, No. each side	ONE			✓	Spacing	✓	✓	✓	✓
" " thickness of Intercoastal Plate	30			✓	Fourth Deck, amidships, Angle, [or [✓	✓	✓	✓
" " Angles	DOUBLE	5	3	40	Spacing	✓	✓	✓	✓
DOUBLE BOTTOM.					Poop Deck, Angle, [or [✓	✓	✓	✓
Solid Floors, thickness and spacing	✓	✓	✓	✓	Spacing	✓	✓	✓	✓
" " Are Frame and Reversed Frame joggled?	✓	✓	✓	✓	Bridge Deck, Angle, [or [	4 1/2	3	34	✓
Bracket Floors, breadth and thickness at middle line	✓	✓	✓	✓	Spacing	2 1/2	✓	✓	✓
" " breadth and thickness at margin plate	✓	✓	✓	✓	Forecastle Deck, Angle, [or [	6 1/2	3	40	✓
					Spacing	42	✓	✓	ON ALTERNATIVE FRAMES.

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	✓	15/40	✓	✓
„ „ „ „ „	✓	✓	✓	✓		Thickness of Plating abreast Deck openings in way of Bridge	✓	✓	✓	✓
„ in Holds „ „	✓	✓	✓	✓		Thickness of Plating within line of openings.....	✓	12/40	✓	✓
„ „ „ „ „	✓	✓	✓	✓		If Sheathed, material and thickness	✓	✓	✓	✓
Centre Line Bulkhead.	42" SPACING.					Third Deck.				
Stiffeners and Spacing.....	5/2	3	34	8.A. ✓		Stringer Plate, breadth and thickness.....	✓	✓	✓	✓
WITH SIX CONNECTIONS TO STIFFENERS.						If Plated, state thickness.....	✓	✓	✓	✓
Plating, thickness of			30	✓		Fourth Deck.				
STRINGERS AND DECKS.						Stringer Plate, breadth and thickness.....	✓	✓	✓	✓
Uppermost Continuous Deck. UPPER DECK.						If Plated, state thickness.....	✓	✓	✓	✓
Stringer Plate, breadth and thickness in Wells	56	15/40		✓		Poop Deck.				
„ „ „ „ in way of Bridge	56	15/40		✓		Stringer Plate, breadth and thickness	✓	✓	✓	✓
„ „ „ „ „	3	3	36	3 3/4 x 30		Plating, Sheathing, material and thickness ...	✓	✓	✓	✓
Thickness of Plating abreast Deck openings in way of Wells	✓	✓	15/40	✓		Bridge Deck.				
Thickness of Plating abreast Deck openings in way of Bridge	✓	✓	✓	✓		Stringer Plate, breadth and thickness.....	✓	25	✓	✓
Thickness of Plating within line of openings.....	✓	✓	✓	✓		TIE-PLATES				
If Sheathed, material and thickness	✓	✓	✓	✓		Plating, Sheathing, material and thickness ...	25	WITH 2 1/2	P.P.	
Second Deck.						Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells.....	62	15/40	✓	✓		Stringer Plate, breadth and thickness.....	24	24	✓	✓
						Plating.		24		
						Plating, Sheathing, material and thickness ...				
						Sheathing:		3" P.P.	✓	✓

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	36	.52	.52	.42.	✓	✓	2 R.	7/8	3 1/2	3	7/8	3 1/8	LAPPED.
„ DBLG. (if any)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes A.B.B.)	54	.34	.34	.30.	✓	✓	1 R.	3/4	3	2	3/4	2 5/8	LAPPED.
BILGE PLATING, No. of Strakes C.....)	54	.34	.34	.30	✓	✓	"	"	"	2	"	"	"
SIDE PLATING, No. of Strakes D.E.E.)	48	.40	.34	.34.	✓	✓	1 R. & 2 R.	"	"	2 + 3.	"	"	"
UPPER DECK, Sheer- strake in Wells F..)	38	.46	✓	.46.	✓	✓	2 R.	"	"	3	"	"	"
UPPER DECK, Sheer- strake in Bridge F..)	38	.40	✓	✓	✓	✓	2 R.	"	"	3	"	"	"
STRAKE BELOW Sheer- strake in Wells E..)	✓	.40	✓	✓	DOUBLED IN WAY OF BREAK.	✓	1 R. & 2 R.	"	"	3	"	"	"
STRAKE BELOW Sheer- strake in Bridge ...)	✓	.40	✓	✓	✓	✓	1 R. & 2 R.	"	"	3	"	"	"
R.G.D. SHEER. PLATING G..)	53	.36 (IN WAY OF BRIDGE) .42	.42	.30	✓	✓	2 R.	"	"	2	"	"	"
BRIDGE SIDE PLATING ...	✓	.25	✓	✓	✓	✓	1 R	"	"	✓	✓	✓	✓
FOREC'TLE SIDE PLATING	✓	✓	.30	.32.	✓	✓	1 R	"	"	2	3/4	2 5/8	LAPPED.

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) 1

„ R. Q. D^K Deck next below 2

As per Rule 3

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓	✓	✓	✓
STEM	W. I.	6x1 1/4	✓	✓
STERN FRAME { Propeller Post	W. I.	6x3 1/2	T. S. FOSTER & SONS, LTD.	
{ Rudder "	W. I.	5 3/4 x 3 1/2	" " " " "	
RUDDER—A x D. 78.	✓	✓	✓	✓
Speed of Vessel 9. KNOTS.	✓	✓	✓	✓
RUDDER mainpiece at head ...	W. I.	4 1/2 DIAM.	✓	✓
" " heel ...	W. I.	3 1/2 DIAM.	✓	✓
" how constructed	BUILT ARMS SHRUNK & KEYED.			✓
" double or single plate	SINGLE .74		✓	✓
" coupling, vertical or horizontal	HORIZONTAL		✓	✓

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) **SIEMONS OPEN HEARTH PROCESS.**

STEEL. FRODINGHAM. IRON & STEEL CO: CONSETT. IRON. CO. & APPLEBY. IRON. CO.

Has the Steel been tested as required by the Rules? **YES.**

[illegible][illegible]

.....

[illegible]

STEEL PLATE AND ANGLES. 3 WHITE. FINE.

4. SHUTTING BEAMS IN EACH MATCH

Letting the people know the things that are going on.

Q. F. Johnson of A-712 has been assigned and visited and is finished

Box Tuna, Baco and Chickens have been distributed today.

The following plan for the future, (see notes on page 112)

[Faint handwriting at the bottom of the page, likely bleed-through from the reverse side.]

1st Tower	5: 2: 4	M. B.	3704	30: 5: 28
2nd "	5: 1: 23	M. B.	3705	30: 5: 28
3rd	✓			

ARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 79.37 ft., Bridge 8.75 ft., Forecastle 22.7 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

o. and Material of Decks (*this information is to be given as it should appear in the Register Book*) 1: DECK: (STEEL.)

Official No. 162324 ; Signal Letters ✓

Is bottom of Vessel coated with cement Yes if not give

ARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, ✓	✓	✓	Fore peak tank, FRAMES: 69-5TEN.	20'-3"	54
Double bottom, under Engines and Boilers, ✓	✓	✓	After peak tank, " 0-5.	9'-3"	28.
Double bottom, if under Engines only, ✓	✓	✓	Deep tank, aft, ✓	✓	✓
Double bottom, if under Boilers only, ✓	✓	✓	Deep tank, forward, ✓	✓	✓
Double bottom, forward, ✓	✓	✓	Other tanks, if fitted, ✓	✓	✓
	Total capacity of double bottom		(If necessary, furnish further information by sketch.) ✓	✓	✓

Order for Special Survey No. <u>1246</u>	Dates of Surveys held while building
Date <u>4/1/30</u>	<u>1920</u> Nov 2, 8, 29. Dec 16, 21. <u>1921</u> Jan 4, 13. Feb 1, 14, 17, 23. Mar 2, 11, 17. Apr 5, 8, 19, 20, 25. May 3, 6, 7, 31. <u>June 28</u> , July 6, 19. Sept 1, 12, 19. Oct 11, 14. Nov 18, 25, 29. Dec 1, 8, 21. <u>1930</u> Jan 21. Feb 3. Mar 19, 24. Apr 7, 16, 28. May 7, 14, 26, 28. June 6, 10. July 1, 17. Aug. 13, 20, 28.
	Total No. of Visits <u>55</u> Lloyd's Register