

STEEL STEAMER or MOTORSHIP

Received at London Office

23 JUL 1942

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

Port of Montreal, P. Q.

No. 5644

Survey held at Lauzon, P. Q.

Date First Survey 6th March, 1941. Last Survey 26th April 1942.

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

Steel Single Screw Steamer "FORT TADOUSSAC"

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

Complete superstructure, (Tonnage opening closed) State Type of Erections Flush Deck.

TONNAGE under Tonnage Deck... 6706.36

CLASS 100 A.1 with freeboard.

State if with freeboard as condition of Class

Yes

Built at Lauzon, P. Q.

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 416.00

Launched 6th November, 1941 No. 531.

Total 6706.36

Breadth (greatest moulded) B 56.88

Builders Davie Shipbuilding & Repairing Co. Ltd

Gross Tonnage 7128.86

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 37.33

Owners The Govt. of the United States of America.

Register Tonnage 4258.94

1st Longitudinal Number (L x D) = 15,529

Managers Ellerman Associated Lines.

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

2nd Numeral L x (B + D) = 39,191

Residence -

REGISTERED DIMENSIONS.
FEET.

Framing Depth "d," at middle of length. See Sec. 3 (1d) 25.125

Port of Registry -

Length 424.5

Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.14

If surveyed while building, afloat, or in dry dock

Breadth 57.2

Do. Long Bridge to top of keel -

While building.

Depth 34.9

Draught Moulded 26.83

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		
" " from $\frac{3}{8}$ length amidships to Collision bulkhead	27		" " Reversed Frame		
" " in peaks	24		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 $\frac{1}{2}$ x 54	
Frame Amidships, Angle [or]	12 x 4 x 4.50		" " top Angles Double	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x .44	
" " Extends up to	Second dk.		" " bottom Angles Double	4 x 4 x .50	
Reversed Frame Amidships, Angle	-		Side Girders, No. each side and thickness	One	
" " Extends up to	-		Top and bottom bulb angles	6 x 3 $\frac{1}{2}$ x .44	
Depth of Framing Girder	12		Margin Plate depth (excl. of flange) and thickness	41 x .54	
Frames in Uppermost Continuous 'tween Decks, Angle [or]	6 x 3 $\frac{1}{2}$ x .50		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	Welded	
" " Second 'tween Decks, Angle [or]	-		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area	Welded	
" " Third	-		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	continuous 10 $\frac{1}{2}$ x .40	
" " from $\frac{1}{2}$ len. forward to $\frac{1}{2}$ len. from Stem Channels with 9 x 3/16" face plate	12 x 4 x 4.56	Approved 15 x 4 x 4 x .50 Channels.	" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area	continuous 17 x .40	see letter 11.9.42
" " in Peaks, Angle [or]	8 x 3 $\frac{1}{2}$ x .35		Tank Side Brackets, height above base line at toe of Frame and thickness	93 x .45	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8" rivets spaced 5-5/8"		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	83 $\frac{1}{2}$ x .48	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes		Thickness of remainder in Holds	.44	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes		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?	Yes	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Way, Angle [or]	8 x 3 $\frac{1}{2}$ x .44	
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	30	
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle [or]	12 x 4 x 4.44	see EMPIRE LIBERTY
" " Foundation Plate on Floors			Spacing	30	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle [or]		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle [or]		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle [or]		
Solid Floors, thickness and spacing	.36 - 30		Spacing		
" " Are Frame and Reversed Frame joggled?	Yes		Bridge Deck, Angle [or]		
Bracket Floors, breadth and thickness at middle line	None		Spacing		
" " breadth and thickness at margin plate	-		Forecastle Deck, Angle [or]		
			Spacing		

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.....	None	<div>EMPIRE LIBERTY</div>	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)	-
" "				

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	No.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					SINGLE OR DOUBLE.	RIVETS.	
	Inches.	Inches.	Inches.	Inches.			Diam.	Spacing cr. to cr.	Inches.	Inches.	
FLAT PLATE KEEL	52	.78	.68	.68		Double	5 1/4" 7/8	3-3/8	(Treble & Quadruple)	1" 4-3/8	Lapped
„ DBLG. (if any)	-	-	-	-							
BOTTOM PLATING, No. of Strakes ... Four	-	.61	.68	.54		Double	5 1/4" 7/8	3-3/8	(Treble & Quadruple)	7/8" 3 1/8	Lapped
BILGE PLATING, No. of Strakes One	77	.61	.56	.60		"	"	"	"	"	"
SIDE PLATING, No. of Strakes ... Three	-	.61	.56	.45		"	"	"	"	Treble	3-1/8
UPPER DECK, Sheer-strake in Wells.....	72	.70	.66	.45		"	"	"	"	(Treble & Quadruple)	3-1/8
UPPER DECK, Sheer-strake in Bridge ...	-	-	-	-							
STRAKE BELOW Sheer-strake in Wells.....	78	.61	.45	.45		Double	5 1/4" 7/8	3-3/8	Treble	7/8 3-1/8	Lapped
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING											
BRIDGE SIDE PLATING ...											
FORE'C'TLE SIDE PLATING											

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

WATERTIGHT BULKHEADS.					FORGINGS and CASTINGS.				
Total No. of W.T. BULKHEADS in Vessel									
Extending to Upper Deck (Sec. 3 c)					Seven See letter 11.9.42				
Deck next below					Eight				
As per Rule					Seven				
STIFFENERS.									
VERTICAL.	HORIZONTAL.								
		Scantlings.	Spacing.	Scantlings.	Spacing.				
#40 #58 40-26 L12x3 1/2 x 45 30									
#66 52-30 L12x3 1/2 x 45 30									
#93 46-26 L12x3 1/2 x 45 30									
#106 & 135 Similar to #40									
Holds									
6x3x.36									
COLLISION #162-53-30 L7x3x.36 24									
AFTER PEAK #8-12-49-30 L7x3x.38 24									

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth Steel.
 Algoma Steel Corp. Sault Ste. Marie., Carnegie Illinois Steel Corp. Homestead, Youngstown
 Sheet & Tube Co. Trenton Steel Works, Steel Co. of Canada. Bethlehem Steel Co. Dominion Coal & Steel Corp.
 Has the Steel been tested as required by the Rules? Yes.

ANCHORS.

CHAIN CABLES.

HAWSERS AND WARPS.

Steering Gear, Type (Power or hand) Donkin Steam, No. 7177 Alternative Means of Steering Tackles to warping ends of aft winch.

Steering Chains (Size and Test) None Windlass Clarke Chapman 10x14 Boats Wood-2-20', 1-26', 1-27' MB W.901 (Wickers) In holds & tw'n. dks-6"x2" spruce, sp.9"

Ceiling in Holds, thickness and material 2 1/2" spruce Cargo Battens, thickness, material and spacing in deep tank-steel.

Cargo Hatchways.—(Upper Deck) Coamings 30"x44" Thickness of Hatches 3" W.P.

Size of Hatchways No. 1 (Fwd.) 33'-9"x20' No. 2 35'x20' No. 3 15'x20' No. 4 35'x20' No. 5 35'x20' No. 6 -

Number of Shifting Beams and/or Fore and Afters No. 1 Hatch - 5, No. 2 - Five, No. 3 - 2, No. 4 - 5, No. 5 - 5.

SAVES SHIPBUILDING & REPAIRING COMPANY, Limited.

Builder's Signature

DAKIE SHIPBUILDING & REPAIRING COMPANY, Limited,

per. Alex. C. Campbell na

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).

This vessel has been constructed under Special Survey of the Society's Surveyors to the requirements of the Rules and in accordance with the approved plans and Secretary's letters.

The workmanship is good and the materials were tested by the Society's Surveyors as required by the Rules.

All compartments were satisfactorily tested in accordance with requirements.

<i>Fees to be charged in London</i>		Fees applied for,
The amount of Entry Fee	£\$: 50.00	_____ 19____
<i>Freeboard</i>	100. 00	
Special Survey Fee.... £	1645.00	Received by me,
Owners' Supervision...	1000.00	_____ 19____
<i>Travelling Expenses, if any £</i>	:	
Exps. Inclusive..	:	

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

I am of opinion the Vessel should be Classed ☒ 100 A.1
"With freeboard"

State whether the Vessel has been built under Special Survey.....Yes.

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Date of issue

Committee's Minute

Character assigned

FRI. 7 AUG 1942

+ 1000

With freeboard

Birth of dk. pltg. Elec. Weld

Lloyd's arch of

note for SR

Waste Vol 1 (1911)
" " NYK (1911)

+ Amb 4.42
70, Cl.

Lloyd's Register
Foundation

2/3 8120

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.)

This vessel is the first of six sister ships of Standard Type (North Sands Design).

The following plans are attached:

Midship Section

Shedule of Welding.

Not attached.

Lloyd's Identification Marks:

Upper Stern Frame	No. 1883	I.J.T.	15.7.41.
Lower " "	No. 1895	I.J.T.	
Rudder Main Piece	No. 3682	J.S.	26.7.41.
" Stock	No. 3579	J.S.	25.6.41.
" Arms	No. 3606, 3608, 3609, 3610, 3611.		

During the construction of this vessel the Society's Surveyors acted as local representatives of Wartime Merchant Shipping Limited and carried out the duties of Owners Representatives.

PARTICULARS OF ELECTRIC WELDING (if employed) Bulkhead seams, butts and stiffeners all welded.

Butts only of Tank top upper and second deck vee butt welded.

W.T. Floors, margin brackets to margin plate, shell margin angle welded to margin plate, margin plate butts.

All vee butt welds have back run. Welding operators tested periodically during course of work. Wilson No. 98 approved shielded arc electrodes used throughout.

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

Cruiser Stern. Part electrically welded.

E.S.D. See Report on Electrical Equipment.

Butts of deck plating elec. welded.

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

1st Bower	Philadelphia Cert.No. 13977	Wt. 5732#	J.H.D. 11th July 1941.
2nd "	" " "	13978	Wt. 5720# H.H.D. 11th July, 1941.
3rd "	Not supplied.		
Stream	" " "	13999	Wt. 1975# J.H.D. 17th July, 1941.

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

Flush deck.

Official No.	—	Signal Letters	—	Extreme Breadth over Belting (Circ. 1611)	57.2	Over-all Length (Circ. 1708)	441.6 ✓
No. and Material of Decks	Two - Steel						

Parts of Bottom of Vessel coated with cement or approved composition Peaks tanks and double bottom tanks coated with cement except engine and boiler room tank where bituminous coating is applied ✓

Particulars of composition (if fitted) and of approval Bitumastic solution and enamel. ✓

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, No. 7 and 8. 135.00	115.0	320.9	Fore peak tank, 162-stem	23.75	148.0
Double bottom, under Engines and Boilers,	—	—	After peak tank, T-12	24.0	166.0
Double bottom, if under Engines only,	—	—	Deep tank, aft, Port	20.0	396.0
Double bottom, if under Boilers only, No. 4	22.50	101.0 ✓	Deep tank, forward, Starb'd	20.0	368.0
Double bottom, forward, No. 1, 2 and 3	165.75 ✓	551.5 ✓	Other tanks, if fitted,	—	764.0
Total length (if continuous) and Capacity + Nos 5 & 6	45.00	108.0 (No 6)	(If necessary, furnish further information by sketch.)		
- DRY RES. FEED 368.25			Total length & capacity. See letter 11.9.42 & capacity plan		

Order for Special Survey No. 120

Date 24th Jan. 1941

Dates of Surveys held while building

1941. Mar. 6, Apr. 24, 29, May 10, June 12, 16, 18, 25, 28, 30, July 13, 15, 22, 23, 25, 28, 31, Aug. 12, 18, 22, 29, Sept. 13, 14, 15, 19, 22, 25, Oct. 11, 13, 15, 16, 18, 23, 31, Nov. 3, 5, 6, 12, 17, 19, 21, 22, Dec. 9, 11, 16, 17, 20, 1942-Jan. 12, 13, 15, 16, 22, 27, Feb. 5, 19, 23, 25, Mar. 11, 14, 17, 25, Apr. 9, 10, 13, 15, 16, 17, 18, 20, 21, 22, 23, 24, 26.

Total No. of Visits 174.