

STEEL STEAMER or MOTORSHIP.

23 MAR 1929

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 *Yes.*

Date of completion of report

Port of *Liverpool*No. *95129*Survey held at *Birkenhead*Date First Survey *13th March/28*Last Survey *March 11th*

1929

On the (State of Machinery fitted Aft and

T.S.S. LADY SOMERS

State Type (Full Scantling, Complete Superstructure

State Type of Erections *Prop. Bridge & etc.*

TONNAGE under

*4130.76*CLASS *100A.1.* State if with freeboard *Yes.*Built at *Birkenhead*

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

1628.97

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

*L 415.00*Launched *13th Nov. 1928* Yard No. *945*

Total

5754.73

Breadth (greatest moulded)

*B 60.00*Builders *Cammell Laird & Co.*

Gross Tonnage

8193.68

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

*D 32.75*Owners *The Canadian National Steamship Co.*

Register Tonnage

*4940.80*1st Longitudinal Number (L x D) = *13590*Managers *"*

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

2nd Numeral L x (B + D) = *38491*Residence *Montreal*

REGISTERED DIMENSIONS.

Length

430.3

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

*12.66*Port of Registry *"*

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

10.05

If surveyed while building, afloat, or in dry dock

Draught Moulded

*32' 10 1/2"**All three*

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.
amidships	36		Bracket Floors, Frame	1	
from 1/3 length to Collision bulkhead	24 + 24		" " Reversed Frame	1	
in peaks	24		" " Vertical Struts	1	
Angle, [or]	7 1/2 x 3 1/2 x 50 B.R.		Centre Girder, depth and thickness amidships	42 x 34 x 1 1/4	
Extends up to	7 1/2 x 3 1/2 x 42		" " top Angles	8 1/2 x 8 1/2 x 52 x 48	
Amidships, Angle	4 3/4 x 42		" " bottom Angles	4 1/2 x 58 x 48	
Extends up to	4 3/4 x 42		Side Girders, No. each side and thickness	Two 40 B.S.	
Girder	7 1/2		Margin Plate depth (excl. of flange) and thickness	31 x 55	
most Continuous 'tween	7 3/4 x 42		" " Vertical Angle to Tank side	6 1/2 x 6 1/2 x 50 T	
Decks, Angle, [or]	7 3/4 x 42		Bracket abaft 1/2 len. from stem	6 1/2 x 6 1/2 x 50 T	
'tween Decks, Angle, [or]	7 3/4 x 42		" " Vertical Angle to Tank side	6 1/2 x 6 1/2 x 42 L	
" " " "	7 3/4 x 42		Bracket forward 1/2 len. from stem	3 1/2 x 3 1/2 x 42	
s, Angle or [7 3/4 x 42		Gussets, spacing and scantling abaft 1/2 len. from stem	every 22" frame	
spacing of Rivets through e and Shell Plating amid-	7/8 - 5/8 dia.		" " Gussets, spacing and scantling forward 1/2 len. from stem	4	
gged	Yes.		Tank Side Brackets, height above base line at toe of Frame and thickness	7 1/2	
EMENTS (Sec. 7), state system and particulars	As per Plans.		INNER BOTTOM PLATING.		
OF BOTTOM FOR			Breadth and thickness of Middle Line Strake	52 1/2 x 50 x 42	
particulars			Thickness of remainder in Holds	45	
thickness at mid-line in	1		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.	
Brackets at side above at toe of frame	1		BEAMS.		
son, on Floors, Angles, [or]	1		Uppermost Continuous Deck, amidships	6 x 3 x 3 x 40 B.R.	
Through Plate or Intercostal Plate	1		" " in Wells, Angle, [or]	7 x 3 x 3 x 40 B.R.	
Foundation Plate on Floors	1		" " in way of Bridge, Angle, [or]	7 x 3 x 3 x 40 B.R.	
Flat Plate Keel Angles	1		Spacing	every frame	
each side	1		MAIN Second Deck, amidships, Angle, [or]	6 x 3 x 3 x 40 B.R.	
ness of Intercostal Plate	1		Spacing	every frame	
les	1		LOWER. Third Deck, amidships, Angle, [or]	6 x 3 x 3 x 40 B.R.	
ess and spacing	every frame		Spacing	every frame	
rame and Reversed Frame	Yes.		ORLOP Fourth Deck, amidships, Angle, [or]	6 x 3 x 3 x 40 B.R.	
eadth and thickness at middle line	1		Spacing	every frame	
breadth and thickness at margin plate	1		POOP Deck, Angle, [or]	6 x 3 x 3 x 40 B.R.	
			Spacing	every frame	
			Bridge Deck, Angle, [or]	9 3 x 45	
			Spacing	every frame	
			Forecastle Deck, Angle, [or]	8 3 x 40	
			Spacing	every frame	

PILLARS AND DECKS.

[illegible]

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>No.</i>			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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	50 1/2	76	67	67	✓	2R.	1 7/8	4 3/8	4R + 3R.	1 7/8	4. 3 1/2	Strapped + Lapped	
„ DBLG. (if any)	✓												
BOTTOM PLATING, No. of Strakes A.B.C.D.E.	63 1/2	65	A. 56 B. 60 C. 58 D. 58 E. 58	A.B. 50 C. 55 D. 52 E. 64	✓				3R.		3 1/2 3/8	Lapped	
BILGE PLATING, No. of Strakes	62	65		57						7/8	3 1/8		
SIDE PLATING, No. of Strakes G.H.I.J.K.L.	71	65	G. 60 H. 60 I. 60 J. 66	G. 54 H. 48 I. 48 K. 46	✓		7/8	3 1/2	3R & 2R.			Lapped & Strapped	
UPPER DECK, Sheer-strake in Wells M.N.	53	65	F. 110 G. 100 H. 90 at ends	65			1 1/8 7/8 1	4 1/2 3 1/2 4	5R 4R. 3R.	1 1/8 7/8 1	5 1/4 4 4	Lapped	
UPPER DECK, Sheer-strake in Bridge ...	53	65		✓			7/8	3 1/2	4R 3R.	7/8	3 1/8		
STRAKE BELOW Sheer-strake in Wells P.Q.	72	68	✓	✓	✓		7/8	3 1/2	3R.	7/8	3 1/8		
STRAKE BELOW Sheer-strake in Bridge R.S.	72	65	✓	✓			7/8						
POOP SIDE PLATING T.U.	56			39 1/2		1R.	1 1/2 3/4	3	2R 1R.	3/4	2 5/8		
BRIDGE SIDE PLATING V.W.	68 1/4	54		60 at ends		2R.	7/8	3 1/2	3R.	7/8	3 1/8		
FORECASTLE SIDE PLATING X.Y.	60 1/2			44 1/2			1 7/8 3/4	4 3/8 3.	4R 3R.	1 7/8	4. 3 1/8		
						1R	7/8 3/4	3 1/2 3.	1R.	3/4.	2 5/8		

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	7
Extending to Upper Deck (Sec. 3 c)	6
“ Deck next below	1
As per Rule	7

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓	✓	✓	✓
STEM	Bot. Vulcan Steel 9 × 2 1/4. Top. Cast Steel to spec. Afford. R. Knapp & Co. ✓			
STERN FRAME { Propeller Post Rudder	Brass. Cast Steel 9 1/2 × 3 1/2. Top. Cast Steel to spec. Afford. ✓ Bot. Cast Steel to spec. Afford. ✓	As per approved plan. ✓	S. Knapp & Co. ✓	+ 1/2. ✓
RUDDER—A × D	612.			
Speed of Vessel	14 knots.			
RUDDER mainpiece at head ...	Longer Steel. 12 1/2 × 16.	S. Knapp & Co. ✓		per plan
" " heel ...	" 9 1/4.			
" how constructed	Brass, Arm. Shrub & Rayner			
" double or single plate	Single 1.10 × .94.			
" coupling, vertical or horizontal	Horizontal			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open Heart Process & Birmingham Iron Works, supplying iron to, Rotterdam Dry Dock Co., Darnley Works & Sons, Sunderland 3 & 4, Cargo Steel Iron Co., Iron Develop Co., Ramoths Iron & Steel Co., Cornhill Iron Co., Bolechore Vaughan & Co., Portland Steel Works, Burlington Steel Works, Ltd., Newcastle-on-Tyne, South African Iron Works, Metallurgical & Iron Works, London, Cleveland Steel Works (Southland) Limited & Glasgow Ltd.*

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

EQUIPMENT NO. 42945

LETTER 67

ANCHORS. 4

Number of Certificate.	Anchors.	WEIGHT, E. 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.				
61852	1st Bower ...	77	0	21	✓			57	5	0	0	72½	Taylor's Drawnright.	S. Taylor & Son.	Sept 19/7/28 W. G. Drysdale	
61856	2nd „ ...	76	2	21	✓			57	0	0	0	72½	“	“	“ 13/7/28 “	
61853	3rd „ ...	66	1	3	✓			51	13	0	14	62	“	“	“ 20/7/28 “	
	Collective weight.	220	0	17								1207				
61854.	Stream	27	3	21				27	0	2	14.	25½.	“	“	“ 20/7/28 “	

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.	Statutory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
13875	300	2 7/8	10 1/2	✓	859.0.15	844 1/4	300	2 7/8	Steel	S. Taylor & Son	Sept 7/9/28 J. P. ...	LOWLINE	130	5 1/2	58	130	5 1/2
36275	2 1/2	10 1/2	✓		8.0.7	✓			"	"	"	HAWSERS & WARPS	2-100	8 1/4		2-100	8
												"	2-100	8 1/4		2-100	8
												"	4-120	7 1/4			
Iron Stream Chain or Steel Wire	120	5	73	✓		✓	120	5	✓		✓						

Steering Gear, Steam *by Brown of Banting* ✓ Steering Gear, Hand *Patenting* ✓
Boats *at 30'* ✓ Steering Chains, Size and Test *Insulated* ✓ Windlass *by Clark, Chapman & Co.*
Ceiling in Holds, thickness and material *Insulated* ✓ Cargo Battens, thickness, material and spacing *Insulated*
Cargo Hatchways.—(Upper Deck) *Plates, angles.* ✓ Thickness of Hatches *3"*
Size of No. 1 Hatchway (Forward) *14' 11" x 18' 10 1/2"* No. 2 *14' 11" x 18' 10 1/2"* No. 3 *14' 11" x 18' 10 1/2"* No. 4 *14' 11" x 18' 10 1/2"* No. 5 ✓ No. 6 ✓
Number of Shifting Beams and/or Fore and Afters *1 Beam and 3 for rafters at each hatchway* ✓

Builder's Signature

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carrying and burning of oil used as fuel *Yes*. (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.

This vessel has been constructed in accordance with the approved plans and instructions as well as with the British rules. The materials and workmanship are good.

A freeboard of 10'-1 1/2" for all seasons has been assigned and verified and the freeboard marks cut in on the vessel's sides.

All Double Bottom Tanks, Oil Fuel Bunkers, Settling Tanks, S.W. Tanks, Peak Tanks, Decks, Bulkheads and Tunnels have been satisfactorily tested.

Plans 32 & number (details on page 4) are forwarded with this report.

Fuel oil is carried in oil Bunkers fitted between frames 64 and 86 also in Double Bottom Tanks Nos 4 & 5.

The amount of Entry Fee £ 11 : 0 : 0
Special Survey Fee.... £ 404 : 16 : 6
Travelling Expenses, if any £ 12 : 16 : 8

Fees applied for,

19/3/29

Received by me,

23.4.1929

I am of opinion the Vessel should be Classed

100A1, *Unit Treatment*

Strengthened for Navigation in ice
Two Lower Decks for Fruit Cargoes
Fitted for Oil Fuel 3-29 F.P. 150°F

State whether the Vessel has been built under Special Survey

Signature

Geo. L. Lyle, W. S. Shields
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Liverpool* Date of issue *24/4/29*

Committee's Minute

Character assigned

LIVERPOOL 22 MAR. 1929

+ 100 A1-3-29

With freeboard: Lloyds A & CP.
Strengthened for Navigation in ice
Two lower decks for Fruit cargoes.
Fitted for oil fuel 3-29.
F.P. 150°F.

+ LMC 3-29

Elec. Light
Ref. Machinery

W1147-0123 1/2

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.)

- Masthead Section (copy in London office)
- Tramway Plan (" " ")
- Aft End Framing
- Deck Scantlings for Beams only.
- Reamer Stemframe + Propeller Bracket
- Details of Fore Top Multiple Railing
- Puller Girder
- Scantlings of Puller + Girder above Upper Deck.
- Fore Top Multiple Railing
- Forward Framing + DB Framing Foreward
- Deck Scantlings
- Shed Scantlings for is
- Scantlings of Top Side Shell
- Cargo Stakes
- Engine Seating G.P.P.
- Engine Seating (are Oil, Draw Lender)
- Poof Front + Bridge Front.
- Stem
- Deck Railing Multiple
- Mast Plan
- Preliminary Masthead Section for beam, puller etc.
- Supports for Aft End of Boat Deck.
- General Arrang. Aft End for Bhd Doors only.
- Gangway Doors
- Scantlings of Boat Deck and Deck Houses.
- Storage W. P. Doors to Stairway at fore side of Bridge
- Nº 2 Imulated Hatch
- Cargo Doors.
- Bhd at Lt. 30 for doors
- Sliding Engine (Power Beam).
- Prohibi Door (Oil light for tank top).
- Masthead Section (as built)
- Tramway Plan (" ")
- Live Towing Report.

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

1st Bower

2nd "

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 40.29 ft., R.Q.D. ✓ ft., Bridge 234 ft., Forecastle 38.7 ft.

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

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 4 Bds (Std) upper & W.S.

Official No. ✓

Signal Letters ✓

Is bottom of Vessel coated with cement

No.

if not give

particulars of composition

Oil tanks coated with Lard oil, all other DB tanks coated with Bituminous Enamel.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	114	201.84	Fore peak tank,	23.2	53.5
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	18.9	103.9
Double bottom, if under Engines only, N° 6 T.	27	92.86	Deep tank, aft,	1	1
Double bottom, if under Boilers only, N° 5 T.	45	193.06	Deep tank, forward,	1	1
Double bottom, forward, N° 1, 2, 3, 4, 5.	165	399.80	Other tanks, if fitted,	1	1
		Total capacity of double bottom 887.56.	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 1212

Date

20/12/27

Dates of Surveys held while building

1928. Mar 13, 16, 27. Apr 11, 17, 19, 20, 25, 27, 30. May 3, 7, 9, 15, 17, 18, 23, 25, 30. June 6, 8, 12, 14, 15, 19, 26, 27, 29. July 3, 4, 6, 11, 13, 19, 23, 25, 27, 30. Aug 1, 9, 14, 17, 22, 23, 25, 29, 30. Sept 4, 11, 14, 19, 24, 25, 26, 28. Oct 1, 2, 3, 5, 8, 10, 12, 13, 16, 17, 18, 19, 22, 24, 25, 26, 29, 30, 31. Nov 1, 2, 5, 6, 7, 9, 10, 12, 13, 15, 16, 19, 20, 21, 22, 26, 27, 30. Dec 3, 4, 5, 6, 7, 10, 11, 12, 14, 28, 31. 1929. Jan 1, 2, 3, 7, 10, 18, 21, 25, 28. Feb 12, 18, 25. Mar 11.

Total No. of Visits

116