

STEEL STEAMER ~~or MOTORSHIP~~

12 NOV 1930

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

10 11 30

Port of

Glasgow

No. 51010

Survey held at

Glasgow

Date First Survey

9 6 30

Last Survey

7th November

1930

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

*S. S. "DENNIS ROSE"**Machinery fitted aft*

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

Full Scantling

State Type of Erections

R. & D. Bridge & Forecastle

TONNAGE under Tonnage Deck...

*1230.68*CLASS **100 A.1.*

State if with freeboard as condition of Class

Without

Built at

Glasgow

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 *250.0*

Breadth (greatest moulded)

B *37.0*

Total

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

D *18.5*

Gross Tonnage

1599.51

Register Tonnage

*946.16*1st Longitudinal Number (L x D) = *4625*2nd Numeral L x (B + D) = *13875*

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

U.D. 15.73

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

*R.A.D. 19.73**E.S. 18.7**13.51**R.A.D. 11.11**14.12*

Draught Moulded

Launched *14th Oct. 1930* Yard No. *904 M*Builders *J. & W. Henderson & Co. Ltd*Owners *R. Hughes & Co.*

Managers

do.

Residence

Liverpool

Port of Registry

Liverpool

If surveyed while building, afloat, or in dry dock

Yes.

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	<i>23</i>		Bracket Floors, Frame	<i>A 6 3 35</i>	
" " from $\frac{3}{8}$ length to Collision bulkhead	<i>23</i>		" " Reversed Frame	<i>A 6 3 34</i>	
" " in peaks	<i>23</i>		" " Vertical Struts	<i>A 6 3 34</i>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>33 1/4 x 42</i>	
Frame Amidships, Angle or [	<i>4 3 58</i>		" " top Angle	<i>(1) 3 3 40</i>	
" " in way of R.A.D.	<i>8 3 58</i>		" " bottom Angle	<i>(1) 3 1/2 42</i>	
" " Extends up to upper and R.A.D.			Side Girders, No. each side and thickness	<i>One 32</i>	
Reversed Frame Amidships, Angle	<i>✓</i>		Margin Plate depth (excl. of flange) and thickness	<i>35 x 36</i>	
" " Extends up to	<i>✓</i>		" " Vertical Angle to Tank side	<i>3 3 37</i>	
Depth of Framing Girder	<i>7 5 8</i>		" " Bracket abaft 1/2 len. from stem in way of R.A.D.	<i>double</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, E or [			" " Vertical Angle to Tank side	<i>3 3 35</i>	
" " Second 'tween Decks, Angle, E or [			" " Bracket forward 1/2 len. from stem in way of U.D.	<i>double</i>	
" " Third			" " Gussets, spacing and scantling abaft 1/2 len. from stem	<i>none</i>	
Framing in Peaks, Angle or [	<i>6 3 40</i>		" " Gussets, spacing and scantling forward 1/2 len. from stem	<i>none</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 - 5 1/4</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>45 x 35 9 37</i>	
State if Frame Joggled	<i>Yes</i>		INNER BOTTOM PLATING.		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Deep framing & 2 side stringers as approved</i>		Breadth and thickness of Middle Line Strake	<i>7 5 x 50</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Double bristled frames, bottom, strakes midship thickness to C.B. close spaced intercostals</i>		Thickness of remainder in Holds	<i>50</i>	
SINGLE BOTTOM. in Machinery Space			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>	
Floors, Depth and thickness at mid-line in Holds	<i>E.S. 48 x 36</i>		BEAMS.		
Height of Brackets at side above base line at toe of frame in B.S.	<i>4' - 8"</i>		Uppermost Continuous Deck, amidships in Wells, Angle, E or [	<i>7 3 40 N.B.S.</i>	
Middle Line Keelson, on Floor, Angle, E or [			" " in way of Bridge, Angle, E or [	<i>do</i>	
" " Through Plate	<i>B.S. 50</i>		Spacing	<i>23</i>	
" " Intercoastal Plate	<i>E.S. 36</i>		Second Deck, amidships, Angle, E or [
" " Foundation Plate on Floors	<i>B.S. 43 x 46</i>		Spacing		
" " Flat Plate Keel Angles	<i>B. 25 x 3 1/2 x 51 E. 3 1/2 x 3 1/2 x 41</i>		Third Deck, amidships, Angle, E or [
Side Keelsons, No. each side	<i>One</i>		Spacing		
" " thickness of Intercoastal Plate	<i>B.S. 48</i>		Fourth Deck, amidships, Angle, E or [
" " Angles	<i>E.S. 36 8 2 1/2 51 N.B.S.</i>		Spacing		
DOUBLE BOTTOM.			Round. 2"		
Solid Floors, thickness and spacing	<i>32 x 69</i>		Peep Deck, Angle, E or [	<i>4 3 40 N.B.S.</i>	
" " Are Frame and Reversed Frame joggled?	<i>Yes</i>		Spacing	<i>23</i>	
Bracket Floors, breadth and thickness at middle line	<i>27 x 32</i>		Bridge Deck, Angle, E or [	<i>6 3 38 6 x 3 x 36</i>	
" " breadth and thickness at margin plate	<i>33 x 25 x 32</i>		Spacing	<i>46</i>	
			Forecastle Deck, Angle, E or [	<i>4 3 34 7 x 3 x 32</i>	
			Spacing	<i>46</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.....	<i>Brackets</i>		Stringer Plate, breadth and thickness in way of Bridge		
" in 'tween Decks, Size and Spacing.....	<i>and Girders</i>		Thickness of Plating abreast Deck openings) in way of Wells		
" " " " "	<i>in line of</i>		Thickness of Plating abreast Deck openings) in way of Bridge		
" in Holds " "	<i>Pillars as</i>		Thickness of Plating within line of openings...		
" " " " "	<i>approved.</i>		If Sheathed, material and thickness		
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....			Stringer Plate, breadth and thickness.....		
Plating, thickness of			If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	<i>7/2 x .72</i>		If Plated, state thickness		
" " " " in way of Bridge	<i>.50</i>		R.A		
" Angle in Wells	<i>6 6 .60</i>		POOP Deck.		
Thickness of Plating abreast Deck openings) in way of Wells	<i>.72</i>		Stringer Plate, breadth and thickness	<i>7/2 x .59</i>	
Thickness of Plating abreast Deck openings) in way of Bridge			Plating, Sheathing, material and thickness ...	<i>.59 x .40</i>	
Thickness of Plating within line of openings...	<i>.40</i>		Bridge Deck.		
If Sheathed, material and thickness			Stringer Plate, breadth and thickness.....	<i>33 1/2 x .31</i>	
Second Deck.			<i>The plates</i>	<i>7 1/2 x .31</i>	
Stringer Plate, breadth and thickness in Wells...			Plating, Sheathing, material and thickness ...	<i>.31 Sheathed</i>	
			Forecastle Deck.	<i>2 1/2 P.P. When approved</i>	
			Stringer Plate, breadth and thickness.....	<i>in line of 2 1/2 N.P.</i>	
			Plating, Sheathing, material and thickness ...	<i>66 x .44</i>	
				<i>.44</i>	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>Ordinary</i>			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	43	53	49	49		Double	7/8	3 3/4	Three	7/8	3 1/8	Lapped
„ <i>DECK (if any)</i>												
<i>ABC</i> BOTTOM PLATING, No. } of Strakes 3	X	43	38	38		Double	3/4	2 7/8	Three	3/4	2 5/8	Lapped
BILGE PLATING, No. of } Strakes 1	D	"	"	"		"	"	"	"	"	"	"
SIDE PLATING, No. of } Strakes 1	E	"	"	"		Double + Single	"	"	"	"	"	"
UPPER DECK, Sheer- strake in Wells.....	54	58	38	38		Double	7/8	3 3/4	"	7/8	3 1/8	"
<i>R.R. DECK</i> UPPER DECK, Sheer- strake in Bridge ...	48	52	38	38		"	"	"	"	"	"	"
STRAKE BELOW Sheer- strake in Wells....	66	50	38	38		"	3/4	2 7/8	"	3/4	2 5/8	"
<i>R.R. DECK</i> STRAKE BELOW Sheer- strake in Bridge ...	54	48	38	38		Single	"	"	"	"	"	"
DECK SIDE PLATING												
BRIDGE SIDE PLATING ...		31				Single	3/4	2 7/8	One	3/4	2 5/8	Lapped
FOREC'TLE SIDE PLATING			31			"	"	"	"	"	"	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	<i>Four</i>
<i>and R.B.</i>	
Extending to Upper Decks (Sec. 3 c)	"
,, Deck next below	✓
As per Rule	<i>Four</i>

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar			Flat plate keel	
STEM			Rapped bar 7x2 Caladonian	
STERN FRAME { Propeller Post			Forging 7x2 1/2 Forge Iron	
{ Rudder			6x2 1/2 Std	
RUDDER—A x D			183	
Speed of Vessel			10 K Caladonian	
RUDDER mainpiece at head ..			Iron 6x2 Forge Forging 4x2 Std	
" " heel ..				
" how constructed			Forged frame & Shunk on iron	
" double or single plate			Single	
" coupling, vertical or			Horizontal	
" horizontal				

			Plating Thickness.	STIFFENERS.			
				VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD,	Upper tween decks						
"	"	Second "					
"	"	Third "					
"	"	Holds	35'-26	7x3x48] N.B.S.	3 1/2		
COLLISION	"	(in Hold)	44'-76	9x35x46] N.B.S.	24		
AFTER PEAK	"	"	44'-31	8x32x36] N.B.S.	24	Semi br	

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) (*Open Hearth process*)

STEEL.

David Colville & Sons, Dolman, Long & Co.

Has the Steel been tested as required by the Rules?

x Midship thicknesses maintained forward to collision bulkhead

EQUIPMENT No 14953										LETTER <i>h</i>	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.				
92052	1st Bower ...	32	0	12	Stockless			30	4	1	14	30-5	Kingley Challenge Type	Kingley Hons	Nettleton 19/1/30 Green
92051	2nd „ ...	28	2	7	do.			27	11	3	14	30-5	do.	do.	do. do. do.
91996	3rd „ ...	26	2	18	do.			26	3	3	0	26-0	do.	do.	do. 21/5/30 do.
	Collective weight.	87	1	9								87-0			
63838	Stream	4	3	2	1	3	26	9	18	0	14	7 3/4	Ordinary	R Sykes Hons	Tipton 17/1/30 Ingsdale

CHAIN CABLES.										HAWSERS AND WARPS.										
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 63.		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 63.		
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.			Per Rule.		Length.					Diam.	Length.		Cir.	Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
66222	240 1/8	1 5/8	47 1/2	66 1/2	322	0	8	319 1/2	240	1 5/8	Stud Smk	Sykes 15m Tipton 19/1/30 Ingsdale	TOWLINE...		90	3 1/4	22	90	3 1/4	
														HAWSERS & WARPS	2-90	2 1/2	13	2	2-90	2 1/2
															3-90	2 1/4	9.5	3-90	2 1/4	
															120	5	11/16	120	5	
Deep Stream or Steel Wire	75	3 3/4		29					75	3 3/4	Steel Smk									

Steering Gear, Steam *by Bow, McEachlan & Co.* Steering Gear, Hand *Efficient*

Boats *Three* Steering Chains, Size and Test *1 5/16 dia. 10 1/2 tons* Windlass *Steam by Bruce & Co.*

Ceiling in Holds, thickness and material *2 1/2" pine* Cargo Battens, thickness, material and spacing *6" x 2" pine*

Cargo Hatchways.—(Upper Deck) *Stul beaming R.A.D.K 34" x 44"* Thickness of Hatches *3" pine*

Size of No. 1 Hatchway (Forward) *27' 9" x 25' 1/2"* No. 2 *27' 9" x 25'* No. 3 *28' 3" x 25'* No. 4 *✓* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *5 Shifting beams in each hatch. 40 fore and afters*

Builder's Signature *J. A. Lee* Secretary

GENERAL DECLARATION. It should be stated (a) whether the vessel 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.

This vessel has been built in accordance with the approved plans, the Surveying letters of various dates, and in general conformity with the Rules for the Class contemplated. The materials and workmanship are good.

The assigned freeboards have been marked on the vessel's sides, verified, and cut in. The weather decks and watertight bulkheads have been hose tested with satisfactory results. The double bottom tanks and peak tanks have been tested under water pressure to Rule requirements with satisfactory results. The windlass and anchor gear, pumps, and steering gear have been examined under working conditions and found satisfactory.

Vessel is a sister ship of the S.S. "Maurice Rose", the same builders N. 906M (See Regt N. 50954)

The amount of Entry Fee £ *5 : 0 : 0* Fees applied for, *10 NOV 1930*

Special Survey Fee.... £ *155 : 0 : 0* Received by me, *18.11.30*

Freeboard *5 : 0 : 0* Travelling Expenses, if any £

I am of opinion the Vessel should be Classed *100. A. 1.*

State whether the Vessel has been built under Special Survey *Yes* Signature *George Nicol*

Certificate to be sent to *Glasgow* Date of issue *4/12/30* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *GLASGOW 11 NOV 1930*

Character assigned *+100 A1*

11.30.

Leys & Co.

+ L.M.C. 11.30.

The Surveyor is requested not to write on or below the Committee's Minute.

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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.)

The following plans forwarded

Midship Section as approved
do vessel as built
Rudder and Stern frame
Bulkheads
Panting stringers and Strengthening forward
Pumping arrangements
Plan of Quadrant
Strengthening at Creek
Floors in Engine Room
Profile and Deck Plans

Reports
Stern frame
Rudder
Tiller
Crosshead for Rudder

		46.	Surveyor Initials, N ^o of Cert.	Date of Test	
Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	22. 0. 16	M. B.	7114	25. 10. 29
	2nd "	18. 1. 21	M. B.	8126	25. 6. 30
	3rd "	17. 0. 0	A. B.	2818	15. 5. 30

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. 140.45 ft., Bridge 15.33 ft., Forecastle 25.21 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)

1 deck Ste

Official No. : Signal Letters

particulars of composition

Is bottom of Vessel coated with cement
Cement wash and bullets in double bottom

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity Tons.
Double bottom, aft,			Fore peak tank,	21	93
Double bottom, under Engines and Boilers,			After peak tank,	20	16
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward, of Machinery Space	168.66	373	Other tanks, if fitted,		
	Total capacity of double bottom	373	(If necessary, furnish further information by sketch.)		

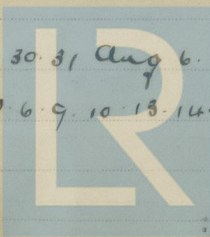
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 6096

Date 29. 3. 30

Dates of Surveys held while building

1930 June 9. 16. 19. 23 July 2. 10. 11. 14. 16. 29. 30. 31 Aug 6. 11. 14. 18. 19. 21. 25. 28. 29 Sep 1. 3. 4. 5. 8. 9. 10. 11. 12. 18. 22. 23. 25. 30 Oct 2. 6. 9. 10. 13. 14. 16. 17. 20. 21. 22. 23. 28. 29. 30 Nov 3. 5. 7



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