

STEEL ~~STEAMER~~ MOTORSHIP.

Received at London Office DEC 8 1937

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 6 : 12 : 37

Port of

*Glasgow.*

No. 59120

Survey held at *Noon.*

Date First Survey

*2nd April 1937*

Last Survey

*29th Nov.*

1937

On the

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

*Maelys. Single Sc. Motor vessel.**SAINT EUNAN.*

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

*Full Scantling.*State Type of Erections *Pop. R. Q. 15, etc.*TONNAGE under Tonnage Deck... *295.31.*CLASS *+100 A1.*

State if with freeboard as condition of Class

*No.*Built at *Noon.*

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)

FEET.

*L 143*Launched *20th Oct 1937*Yard No. *427.*

Total

Breadth (greatest moulded)

*B 24*Builders *Dilisa S. B. Co. Ltd*Gross Tonnage *435.78.*

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*Owners *Robert Harpur. Son.*Register Tonnage *189.73.*1st Longitudinal Number (L x D) = *1716*

Managers

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

2nd Numeral L x (B + D) = *5148*

## REGISTERED DIMENSIONS.

FEET.

Length

*143.6.*

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

*10.71*Residence *Glasgow.*

Breadth

*24.15.*

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

*11.92*Port of Registry *Noon.*

Depth

*11.05.*

Draught Moulded

*11.9"*

If surveyed while building, afloat, or in dry dock

*Building, afloat, in dry dock.*

## 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>21 1/2</i>	✓	<del>Reversed Frame</del>	✓	
" " from 3/4 length to Collision bulkhead	"	✓	" " Reversed Frame	✓	
" " in peaks	"	✓	" " Vertical Struts	✓	
SIDE FRAMING.			IN WAY OF MOTOR ROOM.		
Frame Amidships, Angle <i>UD.</i> <i>5 1/2</i> " <i>3</i> " <i>30</i> " <i>4 1/2</i> " <i>3</i> " <i>28</i> "		✓	Centre Girder, depth and thickness amidships	<i>28 1/2</i> x <i>34</i>	✓
" " <i>R.Q.D.</i> <i>5 1/2</i> " <i>3</i> " <i>34</i> " <i>4 1/2</i> " <i>3</i> " <i>38</i> "		✓	" " top Angles	<i>3</i> <i>3</i> <i>30</i>	✓
" " Extends up to			" " bottom Angles	<i>3 1/2</i> <i>3 1/2</i> <i>36</i>	✓ <i>3 x 3 x 34</i>
Reversed Frame Amidships, Angle	<i>3</i> <i>3</i> <i>28</i>	✓	Side Girders, No. each side and thickness	<i>None.</i>	
" " Extends up to	<i>Across top of floors only.</i>	✓	Margin Plate depth (excl. of flange) and thickness	<i>26 1/2</i> x <i>30</i>	✓
Depth of Framing Girder	<i>5 1/2</i>	✓ <i>4 1/2</i>	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	<i>5</i> <i>5</i> <i>38</i>	✓ <i>37</i>
Frames in Uppermost Continuous Deck, Angle, <i>E</i> or <i>F</i>	✓		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	✓	
" " Second-tween-Decks, Angle, <i>E</i> or <i>F</i>	✓		" " Gusset spacing and scantling abaft 1/4 len. from stem	✓	
" " Third " " " "	✓		" " Gusset spacing and scantling forward 1/4 len. from stem	✓	
Framing in Peaks, Angle <i>E</i>	<i>4</i> <i>3</i> <i>33</i>	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	<i>32</i> x <i>30</i>	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4</i> " <i>5</i> "	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	<i>Yes.</i>	✓	Breadth and thickness of Middle Line Strake	<i>41</i> x <i>32</i>	✓ <i>38 x 32</i>
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>10.5. Flat as per Forward framing plan</i>	✓	Thickness of remainder in Holds	<i>28</i>	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Intermediate frames increase shell plating.</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>Motor Vessel.</i>	✓
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<i>15 1/2</i> x <i>28</i>	✓	Uppermost Continuous Deck, amidships in Wells, Angle, <i>E</i> or <i>F</i>	<i>4 1/2</i> <i>3</i> <i>32</i>	✓
Height of Brackets at side above base line at toe of frame	<i>None.</i>	✓	" " in way of Bridge, Angle, <i>E</i> or <i>F</i>	✓	
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>F</i>	<i>4</i> <i>3</i> <i>40</i>	✓	Spacing	<i>21 1/2</i>	✓
" " Through Plate	<i>32</i>	✓	<i>R.Q.D.</i> Second Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>4 1/2</i> <i>3</i> <i>32</i>	✓
" " Intercoastal Plate	✓		Spacing	<i>21 1/2</i>	✓
" " Foundation Plate on Floors	✓		Third Deck, amidships, Angle, <i>E</i> or <i>F</i>	✓	
" " Flat Plate Keel Angles	<i>3 1/2</i> <i>3 1/2</i> <i>36</i>	✓	Spacing	✓	
Side Keelsons, No. each side	<i>Two</i>	✓	Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i>	✓	
" " thickness of Intercoastal Plate	<i>28</i>	✓	Spacing	✓	
" " Angle <i>Single.</i>	<i>6</i> <i>3</i> <i>46</i>	✓	Poop Deck, Angle, <i>E</i> or <i>F</i>	<i>5 1/2</i> <i>3</i> <i>42</i>	✓
DOUBLE BOTTOM. IN WAY OF MOTOR ROOM.			Spacing	<i>43</i>	✓
Solid Floors, thickness and spacing	<i>28</i> x <i>2 1/2</i>	✓	Bridge Deck, Angle, <i>E</i> or <i>F</i>	✓	
" " Are Frame and Reversed Frame joggled?	<i>Yes.</i>	✓	Spacing	✓	
Bracket Floors, breadth and thickness at middle line	✓		Forecastle Deck, Angle, <i>E</i> or <i>F</i>	<i>5</i> <i>3</i> <i>34</i>	✓
" " breadth and thickness at margin plate	✓		Spacing	<i>43</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.
<b>PILLARS</b> , No. of Rows.....	Deep					
" in 'tween Decks, Size and Spacing.....	Brackets ✓					
" " " " " "	in lieu of					
" in Holds " "	Pillars ✓					
" " " " " "	(approved) ✓					
<b>Centre-Line Bulkhead.</b>						
Stiffeners and Spacing.....	✓					
Plating, thickness of .....	✓					
<b>STRINGERS AND DECKS.</b>						
<b>Uppermost Continuous Deck.</b> <i>ford</i>						
Stringer Plate, breadth and thickness in Wells	48"	34"	✓			
" " " " " in way of Bridge						
" Angle in Wells .....	3 1/2	3 1/2	34" ✓			
Thickness of Plating abreast Deck openings in way of Wells .....						
Thickness of Plating abreast Deck openings in way of Bridge .....						
Thickness of Plating within line of openings...		30	✓			
If Sheathed, material and thickness .....		No.				
<b>R.O. Second Deck.</b>						
Stringer Plate, breadth and thickness in Wells...	48"	34"	✓			
Stringer Plate, breadth and thickness in way of Bridge .....						
Thickness of Plating abreast Deck openings in way of Wells .....						
Thickness of Plating abreast Deck openings in way of Bridge .....						
Thickness of Plating within line of openings...		30	✓			
If Sheathed, material and thickness .....		No.				
<b>Third Deck.</b>						
Stringer Plate, breadth and thickness .....						
If Plated, state thickness .....						
<b>Fourth Deck.</b>						
Stringer Plate, breadth and thickness .....						
If Plated, state thickness .....						
<b>Poop Deck.</b>						
Stringer Plate, breadth and thickness .....	60	x	32	✓	30	✓
Plating, Sheathing, material and thickness .....	Yes	26	Op. 2 1/2	✓		
<b>Bridge Deck.</b>						
Stringer Plate, breadth and thickness .....						
Plating, Sheathing, material and thickness .....						
<b>Forecastle Deck.</b>						
Stringer Plate, breadth and thickness .....	36"		26	✓		
Plating, Sheathing, material and thickness .....	Yes	26	Op. 2 1/2	✓		

## SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?		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.
FLAT PLATE KEEL .....	38 ✓	44 ✓	40 ✓	40 ✓	✓	double.	3/4"	3-07"	✓	Three	3/4"	2 3/8"	Strapped
" <del>Double</del> (if any)	✓												
<sup>A-B</sup> BOTTOM PLATING, No. of Strakes .... (2) ....	54 ✓	34 ✓	34 ✓	30 ✓	✓	single	3/4"	3-07"	✓	Two	3/4"	2 3/8"	Lapped.
<sup>E</sup> BILGE PLATING, No. of Strakes ..... (1) ....	" ✓	34 ✓	30 ✓	30 ✓	✓	"	" ✓	" ✓		"	" ✓	" ✓	"
<sup>D</sup> SIDE PLATING, No. of Strakes ..... (1) ....	54 ✓	34 R.R. ✓	30 ✓	30 ✓	✓	"	" ✓	" ✓		"	" ✓	" ✓	strapped in way of Rubber.
<sup>E</sup> UPPER DECK, Sheer-strake in Wells (for 2)	54 ✓	40 ✓	30 ✓		38 ✓	double.	" ✓	" ✓		Three & Two.	" ✓	" ✓	strapped
<sup>R-4" F</sup> UPPER DECK, Sheer-strake in Bridge ...	39 1/4 ✓	36 ✓	30 ✓	30 ✓	✓	single	" ✓	" ✓		Two	" ✓	" ✓	Lapped.
<sup>E</sup> STRAKE BELOW Sheer-strake in Wells .....	54 ✓	36 ✓		30 ✓	✓	"	" ✓	" ✓		"	" ✓	" ✓	"
<sup>WAY OF R.R. OR</sup> STRAKE BELOW Sheer-strake in Bridge ...	✓												
POOP SIDE PLATING .....				38-30	✓	single	3/4"	3-07"	✓	Two.	"	"	Lapped.
BRIDGE SIDE PLATING ...	✓					single	3/4"	"	✓	One.	" ✓	" ✓	" ✓
FORECASTLE SIDE PLATING			34-24	✓									

## WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) 3 ✓

" Deck next below ✓

As per Rule 3. ✓

## STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD</b> , Upper-tween decks	✓				
" " Second "	✓				
" " Third "	✓				
" " Holds .....	35-28	6" x 3" x 34 B 4	30"		
<b>COLLISION</b> " (in Hold) .....	40/30	4" x 3" x 30 B 4	24"	See plan & W.T.F.	
<b>AFTER PEAK</b> " " .....	35/32/30	6" x 3" x 43 A	24"	24	36

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL</b> , Bar .....				Hot plate Keel. ✓
<b>STEM</b> .....				6" 1/4" Colvilles Ltd. ✓
<b>STERN FRAME</b> { Propeller Post .....				5 3/4" x 3" Foster Wens. ✓
{ Rudder " .....				none.
<b>Speed of Vessel</b> .....				Streamlined
<b>RUDDER—Type</b> .....				Balanced
" A x D .....				Type. ✓
" Diam. of head .....				as per plan.
" Mainpiece at top pintle				
" " heel ...				
" how constructed .....				
" double or single plate				double
" 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)

Colvilles Ltd. Consult J.P.S. Co. Ltd.

Has the Steel been tested as required by the Rules? Yes. ✓







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 the Plans should be embodied.)

Approved Plans:—

1. Midship Section
2. Longitudinal Section & Deck Plan
3. Stern frame & rudder.
4. Poop deck plating & motor casing
5. Steel work in Machinery space aft Main & Aux. Seating & Tank top plating
6. Stern construction
7. Pumping arrangement.
8. Strengthening at Break
9. Fore and framing Decks.
10. Pillar arrangement.
11. Cargo Hatches.
12. Oil Fuel Tank in Engine Room.
13. Shell Expansion.
14. Framing Profile (as built)
15. Midship Section (as built) forwarded previously

Forging Certificates

1. Rudder frame
2. Stern frame
3. Tiller
4. Quadrant.

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

Overall Length of Vessel. = 144' 25"

Lloyds A.S.C.P.

"Cargo batteries not fitted."

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

1st Bower	5-1-22: ✓ J.D. 4098: 29/1/36. (Inc. p. 5.2.24.) ✓
2nd "	5-1-22: ✓ W.C. 4243. 25/9/36. (—" 5.2.24.) ✓
3rd "	

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 33' 3" ft., R.Q.D. 33' 3" ft., Bridge 33' 3" ft., Forecastle 21' ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

No. and Material of Decks

104 (104)

Official No. 115054

Signal Letters

Is bottom of vessel coated with cement

Yes. ✓

if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, (end of Hold)	12' 6 1/2"	12.7 ✓	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		50 ✓
Double bottom, if under Engines only, (in Motor Room)	19' 8 1/2"	11.6 ✓	Deep tank, aft,		14 ✓
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
TOTAL L. of D.B. = 32' 3" ✓		24.3 ✓	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 6342

Date 18.12.36

Dates of Surveys held while building

1937 Apr.: 2. 9. 13. 19. 21 May: 17. 20. 31 June: 8. 11. 17. 24. 30 July: 2. 7. 13. 28  
Aug.: 10. 17 Sep.: 1. 6. 9. 22 Oct.: 4. 8. 11. 12. 14. 18. 19. 20. 27. 29 Nov.: 1. 8. 17  
22. 23. 26. 29

Total No. of Visits 140