

## STEEL STEAMER or MOTORSHIP.

29 JUL 1936

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

27-7-36

Port of

GLASGOW.

No.

57275

Survey held at

BOWLING.

Date First Survey

10<sup>th</sup> January 1936

Last Survey

9<sup>th</sup> July.

1936

On the

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

SINGLE SCREW.

PYROPE

(MACHINERY AFT.)

State Type

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

FULL SCANTLING.

State Type of Erections

R.O.D. BR. &amp; Focle.

TONNAGE under Tonnage Deck..

314.51

CLASS

100A1

State if with freeboard as condition of Class

No

Built at

BOWLING.

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

162.5

Launched 4<sup>th</sup> JUNE 1936 Yard No. 338

Total

314.51

Breadth (greatest moulded)

B

25.0

Builders SCOTT &amp; SONS.

Gross Tonnage

508.75

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

D

11.79

Owners W<sup>m</sup> ROBERTSON

Register Tonnage

206.01

1st Longitudinal Number (L x D) = 1915.875

Managers

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

GRESHAM CHAMBERS.

Residence 45 WEST NILE ST GLASGOW C1.

REGISTERED DIMENSIONS.

FEET.

Length

164.1

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

UPP D<sup>5</sup> 9.25R.O.D<sup>5</sup> 13.00

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

UPP D<sup>5</sup> 13.79R.O.D<sup>5</sup> 10.46

Port of Registry GLASGOW.

Breadth

25.3

If surveyed while building, afloat, or in dry dock

Depth

9.7

Draught Moulded

11-7/8

BUILDING &amp; 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 1/2"			/					
" " from 3/4 length to Collision bulkhead	21 1/2"			/					
" " in peaks	21 1/2"			/					
IDE FRAMING.									
Frame Amidships, Angle, [ or [	UPP D <sup>5</sup> 5	3	35	/	25				
" " Extends up to	R.O.D <sup>5</sup> 5	3	35	/	25				
Reversed Frame Amidships, Angle	ON FRS NOS 54 & 59								
" " Extends up to	WEATHER D <sup>5</sup>								
Depth of Framing Girder	5"								
Frames in Uppermost Continuous 'tween Decks, Angle, [ or [				/					
" " Second 'tween Decks, Angle, [ or [				/					
" " Third " " " "				/					
Framing in Peaks, Angle, [ or [	5	3	35	/	25				
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" x 5 1/4"			/					
State if Frame Joggled	No								
ANTING ARRANGEMENTS (Sec. 7), state system and particulars	STEEL D <sup>5</sup> AS APPROVED.								
STRENGTHENING OF BOTTOM FORWARD. State Particulars	INTER <sup>5</sup> ANG FRAMES 4" x 3" x 28								
	ADDIT <sup>5</sup> INTER <sup>5</sup> GIRDERS & 2 STRAKES								
	BOTTOM SHELL 45 FOR <sup>5</sup> OF 1/2 LTH								
	AS APP <sup>5</sup> .								
DOUBLE BOTTOM.									
Floors, Depth and thickness at mid-line in Holds									
Height of Brackets at side above base line at toe of frame	IN WAY OF								
Middle Line Keelson, on Floors, Angles, [ or [	ENG & BOILER								
" " Through Plate or Intercoastal Plate	SPACE AS								
" " Foundation Plate on Floors	APPROVED.								
" " Flat Plate Keel Angles									
Side Keelsons, No. each side									
" " thickness of Intercoastal Plate									
" " Angles									
Solid Floors, thickness and spacing	28 EVERY FRAME.								
" " Are Frame and Reversed Frame joggled?	No								
Bracket Floors, breadth and thickness at middle line				/					
" " breadth and thickness at margin plate				/					
Bracket Floors, Frame				/					
" " Reversed Frame				/					
" " Vertical Struts				/					
Centre Girder, depth and thickness amidships	30 1/2"	35		/	28 1/2" x 35				
" " top Angles	3	3	31	/					
" " bottom Angles	3	3	35	/					
Side Girders, No. each side and thickness	1	27		/					
Margin Plate depth (excl. of flange) and thickness	26"	32		/	19" x 30				
" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	3	3	38	/	3 x 3 x 28				
" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	3	3	38	/	3 x 3 x 28				
" " Gussets, spacing and scantling abaft 1/4 len. from stem	28 PL EVERY 3 <sup>50</sup>			/	NONE				
" " Gussets, spacing and scantling forward 1/4 len. from stem	28 PL EVERY 3 <sup>50</sup>			/	NONE				
Tank Side Brackets, height above base line at toe of Frame and thickness	32	28		/					
INNER BOTTOM PLATING.									
Breadth and thickness of Middle Line Strake	39"	33		/	38 3/4" x 31				
Thickness of remainder in Holds		30		/	28				
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.			/					
BEAMS.									
Uppermost Continuous Deck, amidships in Wells, Angle, [ or [	5	3	29	/					
" " in way of Bridge, Angle, [ or [	5	3	29	/					
Spacing	EVERY FRAME			/					
RAISED Q <sup>5</sup>									
Second Deck, amidships, Angle, [ or [	5	3	29	/					
Spacing	EVERY FRAME			/					
Third Deck, amidships, Angle, [ or [				/					
Spacing				/					
Fourth Deck, amidships, Angle, [ or [				/					
Spacing				/					
Poop Deck, Angle, [ or [				/					
Spacing				/					
Bridge Deck, Angle, [ or [	4 1/2	3	30	/					
Spacing	ALT FRAMES			/					
Forecastle Deck, Angle, [ or [	5	3	30	/					
Spacing	ALT 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.
<b>PILLARS</b> , No. of Rows.....				
" in 'tween Decks, Size and Spacing .....	HATCH SIDES			
" " " " "	SUPPORTED BY			
" in Holds " "	DEEP BRACKETS	/		
" " " " "	AS APPROVED.			
<b>Centre Line Bulkhead.</b> (FORE END OF N <sup>O</sup> 1 HATCH TO COLLIM BHD).				
Stiffeners and Spacing.....	6 x 3 x 30 BA	1 1/2 4 1/2 x 3 x 30 ANG		
Plating, thickness of .....	.30	/		
<b>STRINGERS AND DECKS.</b>				
<b>Uppermost Continuous Deck.</b>				
Stringer Plate, breadth and thickness in Wells	61"	.38 / .36		
" " " " in way of Bridge		.42 / .40		
" Angle in Wells .....	3 1/2 3 1/2	.38		
Thickness of Plating abreast Deck openings in way of Wells .....	STRINGER PLATE SHIPS SIDE TO HATCH CORNING.	/		
Thickness of Plating abreast Deck openings in way of Bridge .....	✓			
Thickness of Plating within line of openings...	IN BRIDGE .25 FOR ° OF HATCH .31	/ ✓		
If Sheathed, material and thickness .....	SHEATHED IN BRIDGE 2 1/2" N.P.	/		
<b>Second Deck.</b>				
Stringer Plate, breadth and thickness in Wells...	✓			
<b>RAISED QUARTER DECK</b>				
Stringer Plate, breadth and thickness in way of Bridge .....			.34	.32
Thickness of Plating abreast Deck openings in way of Wells .....			STRINGER PLATE SHIPS SIDE TO HATCH CORNING.	/
Thickness of Plating abreast Deck openings in way of Bridge .....				
Thickness of Plating within line of openings...			.31	.29
If Sheathed, material and thickness .....			✓	
<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 .....				
Plating, Sheathing, material and thickness .....				
<b>Bridge Deck.</b>				
Stringer Plate, breadth and thickness.....			36	.24
Plating, Sheathing, material and thickness .....			.24 PLATING SHEATHED 5 x 2 1/2 PP	/
<b>Forecastle Deck.</b>				
Stringer Plate, breadth and thickness.....			.24	.33
Plating, Sheathing, material and thickness .....			C/S STRAKE .30 PLATING .24 SHEATHED 5 x 2 1/2 PP	.33 PLATING NOT SHEATHED

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	UPPER EDGES. State if jogged? No.		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 .....	38"	.50	.625	.50	✓ 38" x .44 To .40	DOUBLE	3/4	3.07	3R - 2R	3/4	2 5/8"	STRAPPED
" <del>DECK (if any)</del>	2 STRAKES BOTTOM PLATING (P&S) .45 FROM 1/2 LTH FWD TO RULE POSITION OF COLL'D BND											
BOTTOM PLATING, No. of Strakes ..... 2 .....	.34	.30	.30			DOUBLE	3/4	3.07	2R	3/4	"	LAPPED
BILGE PLATING, No. of Strakes ..... 1 .....	.34	.30	.30			"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes ..... 1, 2, 3, 4, 5, 6 .....	.34	.30	.30			"	"	"	"	"	"	"
UPPER DECK, Sheer-strake in Wells .....	46"	.44	.30						3R - 2R	"	"	"
UPPER DECK, Sheer-strake in Bridge ...	.63 AT BREAK.											
STRAKE BELOW Sheer-strake in Wells .....	46"	.40	.30			"	"	"	3R - 2R	"	"	"
<del>STRAKE BELOW Sheer-strake in Bridge ...</del>		.36	.30						2R	"	"	"
DO STRAKE BELOW		.36	.30			SINGLE	"	"	2R	"	"	"
POOR SIDE PLATING .....		.31										
BRIDGE SIDE PLATING ...	2	.36				SINGLE	"	"	2R	"	"	"
FOREC'TLE SIDE PLATING			.25			SINGLE	"	"	1R	"	"	"

## WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) THREE

„ Deck next below

As per Rule THREE

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> ✓				
<b>STEM</b>	ROLLED STEEL BAR	6" x 1 1/2"	1	6" x 1 1/4"
<b>STERN FRAME</b> {	Propeller Post	FORGING 7 3/8" x 3 1/4"	T.S. FOSTER	
{	Rudder	" As App <sup>d</sup>	SON.	✓
<b>Speed of Vessel</b> ..... 10 K.				
<b>RUDDER—Type</b> SEMI-BALANCED. (AS PER APP <sup>d</sup> PLAN)				
" A x D ..... ✓				
" Diam. of head .....	FORGING	4 1/4"	T.S. FOSTER	✓
" Mainpiece at top pintle		6 7/8"	SON.	✓
" " heel ...		4 1/2"	✓	
" how constructed .....	BUILT	FORGING.		
" double or single plate	DOUBLE	30	✓	
" coupling, vertical or horizontal.....	HORIZONTAL.		✓	

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHD,</b> Uppertween decks						
"	" <u>Second</u> "					
"	" <u>Third</u> "					
"	" <u>Hold</u> <u>N<sup>o</sup> 31</u>					
			B.A.			
		44-31	6½ x 3 x 40	30"	✓	✓
<b>COLLISION</b>	" (in Hold) .....	38-26	5 x 3 x 32 4 x 2½ x 27 (6A)	24" 24	IN FORE PEAK TANK ABOVE " "	"
			B.A.			
<b>AFTER PEAK</b>	" " .....	42-30	7 x 3 x 32	24"	STORE FLAT.	✓

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

## STEEL.

STEEL COMPANY OF SCOTLAND LTD; COLVILLES LTD; SKINNINGROVE IRON CO. LTD

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



EQUIPMENT No 6662.76												LETTER 9	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.	Cwts.			
49122	1st Bower ...	12	2	12	Stockless.			14	8	1	21	10 1/4	BRITANNIC	NOT STATED.	CRAOLEY HEATH. 31.3.36 S. C. PAUL.
49123	2nd " ...	12	2	7			"	14	8	1	21	10 1/4	"	" "	D°
49124	3rd " ...	8	3	12			"	11	0	0	0	8 3/4	"	" "	D°
	Collective weight.	34	0	3								29 1/4			
49203	Stream .....	3	2	6	-	3	16	5	18	3	0	3 1/2	ORDINARY.	" "	D° 30-4-36

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.	Statio-ory.	Break-ing.	Supplied.	Per Rule.			Length. Diam.					Length. Cir.	Ins.	Tons.	Length. Cir.	Ins.		
52788	165 1 1/16	20.3	30.4	96-2-14	95 1/4			165 1 1/16	STUD LINK.	HENRY REECE	CRAOLEY HEATH 30.4.36 S. C. PAUL.	TOWLINE	75	2 1/2	13.2	75	2 1/2		
												HAWSERS & WARPS	90	2"	8.3	90	2"		
												"							
												"							
Iron-Stream Chain of Steel Wire	60 2 1/2	13.2						60 2 1/2	A.S.W			"							

Steering Gear, Steam BY T. REID & SONS PAISLEY. Steering Gear, Hand BY RELIEVING TACKLE TO CAPSTAN AFT.

Boats 2 LIFEBOATS & 1 DINGHY. Steering Chains, Size and Test 3/4" SHORT LINK 6 3/4 TONS. Windlass STEAM BY T. REID & SONS. PAISLEY.

Ceiling in Holds, thickness and material 8" x 2" FLM THROUGHOUT. Cargo Battens, thickness, material and spacing 8 x 1 1/2" H.P. CLOSE CEILING FULL DEPTH

Cargo Hatchways.—(Upper Deck) STEEL PLATES & ANGLES. Thickness of Hatches 2 1/2" SOLID COVERS.

Size of No. 1 Hatchway (Forward) 26-10 1/2 x 15-0 No. 2 30-6 x 15-0 No. 3 6-4 x 16-0 No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters 5 ROLLER TYPE WEBS IN NOS 1 & 2 HATCHWAYS.

Builder's Signature *T. Reid & Sons for Charles M. Reid (Partner)*

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.

*This vessel has been built in accordance with the Approved Plans, the Secretary's letters of various dates & in general conformity with the Society's Rules for the class contemplated.*

*The materials & workmanship are good.*

*The Double Bottom Tanks, the Fore Peak Tank & the After Peak Tank were tested by water pressure as required by the Rules & found satisfactory.*

*Decks & N.T. Bulkheads were hose tested & found satisfactory.*

*Windlass & Steering Gear tried under working conditions & found satisfactory.*

*Freeboard verified & marks put in.*

The amount of Entry Fee ..... £ 4 : 0 : 0 Fees applied for, 27 JUL 1936

Special Survey Fee.... £ 50 : 18 : 0 Received by me, 28.8.1936

FREEBOARD Travelling Expenses, if any 8 : 0 : 0

I am of opinion the Vessel should be Classed 100A1

State whether the Vessel has been built under Special Survey YES Signature R. Dunsen

Certificate to be sent to GLASGOW. Date of issue 31/8/36

Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 28 JUL 1936

Character assigned 100A1

7.36.

Lloyd's A+C.P.

+ LMC 7.36.

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Lloyd's Register Foundation

010416-010427-023432



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.)

### LIST OF PLANS.

- Midship Section & Profile and Becks.
- Sternframe & Rudder.
- Arrangement of Supporting Hatch beamings.
- Roller bridle beams for hatches.
- Midship Section (as built).

Forging Reports Sternframe, Rudder & Tiller.

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

MACHINERY AFT.

WELL DECK.

CRUISER STERN.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	WEIGHT HEAD & PIN. 7-2-14	SURV INIT <sup>s</sup> J. D.	CERTIFICATE N <sup>o</sup> 3746	DATE OF TEST. 5-6-35
	2nd "	7-1-27	R. L.	4118	30-1-36
	3rd "	5-1-8	T. R. M.	5543	27-12-35

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 94.96 ft., Bridge 8.96 ft., Forecastle 24.5 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 10001 DK (STL)

Official No. 164088 ; Signal Letters ☒ ☒ ☒ Is bottom of vessel coated with cement ☒ YES. IN D.B. TANKS & PEAKS. if not give particulars of composition BITUMASTIC ENAMEL IN E & B. SPACE.

### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
<del>Double bottom, aft,</del>			Fore peak tank,		38
<del>Double bottom, under Engines and Boilers,</del>			After peak tank,		29
<del>Double bottom, if under Engines only,</del>			Deep tank, aft,		
<del>Double bottom, if under Boilers only,</del>			Deep tank, forward,		
Double bottom, forward,	91.37	118	Other tanks, if fitted,		
TOTAL LENGTH DOUBLE BOTTOM. 91.37 FT.		Total capacity of double bottom 118	(If necessary, furnish further information by sketch.)		

1936 Jan: 10.13.22.27.29.30 Feb: 5.7.12.13.17.19.20.25.28 Mar: 3.5.12.17.23  
26 Apr: 2.9.17.21.22.27.29 May: 1.4.5.6.8.13.14.15.18.20.22.27.28 June: 1.2.10.26  
July: 6.7.9

Order for Special Survey No. 6269

Date 5:12:35

Dates of Surveys held while building

Total No. of Visits 48