

STEEL STEAMER ~~MOTORSHIP~~

Received at London Office.. 13 MAY 1931

State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YES

Date of completion of report

9TH MAY 1931.

Port of

GLASGOW.

No. 51480

Survey held at

TROON

Date First Survey

Nov 1930

Last Survey

5th MAY

1931.

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

MACH. AFT. SINGLE SC.

"GUINNESS."

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

"RESTRICTED DRAFT"

State Type of Erections FILE ONLY

TONNAGE under Tonnage Deck

958.64.

CLASS \*100A1.

State if with freeboard as condition of Class

YES.

Built at

TROON.

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

958.64.

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

L 208.29.

Launched

19TH MARCH 1931 Yard No. 417.

Total

958.64.

Breadth (greatest moulded)

B 34.25.

Builders

Ailsa SHIPBUILDING CO. LD.

Gross Tonnage

1150.56.

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

D 19.00.

Owners

A. GUINNESS. SON &amp; CO. LD.

Register Tonnage

556.10.

1st Longitudinal Number (L x D)

= 3957.5.

Managers

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

## REGISTERED DIMENSIONS.

Length

211.8.

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

16.25.

Residence

DUBLIN.

Breadth

34.45.

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

10.96.

Port of Registry

LONDON.

Depth

16.65.

Draught Moulded

15.6.

If surveyed while building, afloat, &amp; 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.
<b>FRAMES, Spacing amidships</b>	24		<b>Bracket Floors, Frame</b>		
" " from bulkhead to Collision bulkhead	24 1/2		" " Reversed Frame		
" " in peaks	24		" " Vertical Struts		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	33 . 42	
<b>Frame Amidships, Angle</b> [ <u>E</u> ]	4 x 3 x 36		" " top Angles <u>DOUBLE</u>	3 3 40	
" " Extends up to <u>DECK</u>			" " bottom Angles <u>DOUBLE</u>	3 1/2 3 1/2 42	
<b>Reversed Frame Amidships, Angle</b>			<b>Side Girders, No. each side and thickness</b>	ONE 32	
" " <u>DECK</u>			<b>Margin Plate depth (excl. of flange) and thickness</b>	30 . 40	
<b>Depth of Framing Girder</b>	7"		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 x 3 1/2 x 50 T.B.M. 9 6 x 3 1/2 x 40 ANGLE	
<b>Frames in Uppermost Continuous Deck</b>			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 3 1/2 40 ANGLE	
" " <u>Second Deck</u>			" " Gussets, spacing and scantling abaft 1/2 len. from stem	EVERY FOURTH FR. 13" x 12" x 32"	
" " <u>Third</u>			" " Gussets, spacing and scantling forward 1/2 len. from stem	EVERY THIRD FR.	
<b>Framing in Peaks, Angle</b> [ <u>E</u> ]	6 1/2 3 35	Ordinary Angle approved.	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	46 36	
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	3/4 5/4		<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b>	NO		<b>Breadth and thickness of Middle Line Strake</b>	54 38	
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b>	STRANGERS & REV. FR. AS APPROVED.		<b>Thickness of remainder in Holds</b>	36 34	
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b>	SHELL INCREASED DOUBLE R. FRAMES & INT. FRAMES AS APPROVED.		<b>Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. &amp; B. space and framing in Bunkers and Boiler Room?</b>	YES.	
<b>SINGLE BOTTOM</b>			<b>BEAMS.</b>		
<b>Floors, Depth and thickness amidships</b>			<b>Uppermost Continuous Deck, amidships in Wells, Angle</b> [ <u>E</u> ]	6 1/2 3 36	
" " <u>DECK</u>			" " <u>DECK</u>		
<b>Height of Brackets at side of stem</b>			" " <u>DECK</u>	24"	
<b>Middle Line Keelson, on Floor, Angle</b>			<b>Second Deck amidships, Angle</b> [ <u>E</u> ]		
" " <u>DECK</u>			" " <u>DECK</u>		
" " <u>DECK</u>			<b>Third Deck amidships, Angle</b> [ <u>E</u> ]		
" " <u>DECK</u>			" " <u>DECK</u>		
" " <u>DECK</u>			<b>Fourth Deck amidships, Angle</b> [ <u>E</u> ]		
" " <u>DECK</u>			" " <u>DECK</u>		
<b>Side Keelsons, Number</b>			<b>Fifth Deck amidships, Angle</b> [ <u>E</u> ]		
" " <u>DECK</u>			" " <u>DECK</u>		
" " <u>DECK</u>			<b>Sixth Deck amidships, Angle</b> [ <u>E</u> ]		
" " <u>DECK</u>			" " <u>DECK</u>		
<b>DOUBLE BOTTOM.</b>			<b>Seventh Deck amidships, Angle</b> [ <u>E</u> ]		
<b>Solid Floors, thickness and spacing</b>	32 - 24"		" " <u>DECK</u>		
" " Are Frame and Reversed Frame joggled?	YES		<b>Eighth Deck amidships, Angle</b> [ <u>E</u> ]		
<b>Bracket Floors, breadth and thickness</b>			" " <u>DECK</u>		
" " <u>DECK</u>			<b>Ninth Deck amidships, Angle</b> [ <u>E</u> ]		
" " <u>DECK</u>			" " <u>DECK</u>		
" " <u>DECK</u>			<b>Tenth Deck amidships, Angle</b> [ <u>E</u> ]		
" " <u>DECK</u>			" " <u>DECK</u>		
" " <u>DECK</u>			<b>Forecastle Deck, Angle</b> [ <u>E</u> ]	6 3 34	
" " <u>DECK</u>			" " <u>DECK</u>	48	
" " <u>DECK</u>			<b>Spacing</b>		



EQUIPMENT No. 11596				LETTER M.				ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
64581	1st Bower	23	2	24	Stockless			23	13	3	0
64596	2nd "	23	2	3				23	10	0	0
64598	3rd "	20	2	0				21	3	3	0
	Collective weight.	66	2	27							
64594	Stream	6	0	19	1	2	7	8	7	2	0
64592	MOOSE	2	3	2							

## 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.	Length and size supplied.		Breaking Test of Steel Wire.	Length and size per Table 53.	
	Fathoms.	Ins.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Fathoms.	Ins.				Fathoms.	Ins.		Fathoms.	Ins.
64230	210	1 1/2	3 1/8	555	228.0-18.	222 1/2.	210	1 1/2	STUD LINK.	R. SYKES & SONS.	Tipton, W.A. DAYSON & CO.	90	3 1/4	T.C. 21-14	90	3 1/4
												90	2 1/4	10-16.	90	2 1/4
												90	3	hemp.	90	5 1/2
												20 1/2	3	18-12.		
												20 1/2	3	13-4.		
Stream	60	3 1/2	25	14 cuts.			60	3 1/2	British Rope Co.							

Steering Gear, Steam *Hastings Co. 4x7"* Steering Gear, Hand *Hastings Co.*

Boats *20 21.0 x 4.25 x 2.7* Steering Chains, Size and Test *NONE* Windlass *Black Chapman Co. 8x11"*

Ceiling in Holds, thickness and material *8" W.A. on 1/4" grounds.* Cargo Battens, thickness, material and spacing *Close Ceiling (insulated)*

Cargo Hatchways.—(Upper Deck) *STEEL PLATES & ANGLES* Thickness of Hatches *2 1/2" SPRUCE (Double)*

Size of No. 1 Hatchway (Forward) *42' 6" x 18'* No. 2 *27' 6" x 18'* No. 3 *18' 6" x 18'* No. 4 *18' 6" x 18'* No. 5 *18' 6" x 18'* No. 6 *18' 6" x 18'*

Number of Shifting Beams and/or Fore and Afters *8 SHIFTING BEAMS, 2x12 S.S.B. 7x2.*

*[1 DECK BEAM IN NO. 1 IS PERMANENT.]* AILSA SHIPBUILDING CO. LIMITED

Builder's Signature *J. H. Howell* Secretary.

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo

*This vessel has been built in accordance with the approved plans, the Secretary's letters of various dates and in general conformity with the rules for the Class contemplated. The material & workmanship are good.*

*The assigned freeboard has been marked on the vessel's sides, verified and "cut in". The weather decks and bulkheads have been hose tested with satisfactory results. The double bottom and peak tanks have been tested, under water pressure with satisfactory results.*

*The windlass, anchor gear, pumps and steering gear have been examined under working conditions and found satisfactory.*

P.T.O.

The amount of Entry Fee ..... £ 5 : 0 : 0 Fees applied for, *ARMY*

Special Survey Fee... £ 115 : 2 : 0 Received by me, *11-5-1931*

FREEBOARD. Fee... £ 5 : 0 : 0 *15/5/31*

Travelling Expenses, if any £ 4 : 10 : 0

I am of opinion the Vessel should be Classed *+100 A1.*

"WITH FREEBOARD."

State whether the Vessel has been built under Special-Survey *YES.* Signature *M. Macleod*

Certificate to be sent to *Glasgow* Date of issue *18/5/31*

Committee's Minute **GLASGOW 12 MAY 1931**Character assigned *+100 A1**With freeboard**Lloyds A.C.P.**+ L.M.C. 5. 31.**Glasgow*

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Lloyd's Register  
Foundation

003450-003457-0255



## PILLARS AND DECKS.

	NOTES 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 BRACKETS IN LIEU OF PILLARS AS APPROVED			
" in <del>two</del> Decks, Size and Spacing.....				
" " " " "				
" in Holds " "				
" " " " "				
<b>Centre Line Bulkhead</b>				
Stiffness and Spacing.....				
<b>STRINGERS AND DECKS</b>				
<b>Uppermost Continuous Deck.</b>				
Stringer Plate, breadth and thickness in Wells	50 1/4"			
" " " " in way of Bridge				
" Angle in Wells .....	3 1/2 3 1/2 46			
Thickness of Plating abreast Deck openings } in way of Wells .....	1/2 9-01			
Thickness of Plating abreast Deck openings } in way of Bridge .....	3/2 12-21			
Thickness of Plating within line of openings..	32			
If Sheathed, material and thickness .....	P.P. 3"			
<b>Second Deck.</b>				
Stringer Plate, breadth and thickness in Wells..				
Stringer Plate, breadth and thickness in way of Wells				
Thickness of Plating abreast Deck openings } in way of Bridge .....				
Thickness of Plating within line of openings..				
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.....				
Plating, Sheathing, material and thickness ..				
<b>Forecastle Deck.</b>				
Stringer Plate, breadth and thickness.....			22 x 30	
Plating, Sheathing, material and thickness ..			TIES 7x30" SHEATHING P.P.	

## 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. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			Diam. Inches.	Spacing cr. to cr. Inches.		Diam. Inches.	Spacing cr. to cr. Inches.	
FLAT PLATE KEEL .....	46	52	52	48		DOUBLE	7/8	3 1/2	THREE	7/8	3"	STRAPPED
" DRIG (if any) .....												
BOTTOM PLATING, No. of Strakes (A+B) .....	42	42	42	38		DOUBLE	3/4	3	THREE/TWO	3/4"	2 5/8	LAPPED
BILGE PLATING, No. of Strakes (C) .....		42	42	38		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes (D) .....		42	42	38		"	"	"	"	"	"	"
UPPER DECK, Sheer-strake in Wells (E) .....		47	38	38		"	"	"	"	"	"	"
UPPER DECK, Sheer-strake in Bridge (F) .....	42"	45	38	38		DOUBLE	3/4	3"	THREE/TWO	3/4"	2 5/8	LAPPED
STRAKE BELOW Sheer-strake in Wells (G) .....												
STRAKE BELOW Sheer-strake in Bridge (H) .....	42											
POOP SIDE PLATING .....					BOSS PLATES 42.							
BRIDGE SIDE PLATING .....												
FOREC'TLE SIDE PLATING			30			SINGLE	1/4	3"	ONE	3/4"	2 5/8	LAPPED

## WATERTIGHT BULKHEADS.

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

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Makers Name	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....	<b>FLAT PLATE KEEL</b>			
<b>STEM</b> .....	<b>50 PLATE AS APPQ.</b>			
<b>STERN FRAME</b> {	Propeller Post .....	<b>6 3/4 x 5 T.S. FORSTER V.M.</b>		
{	Rudder .....	<b>4 x 6</b>		
<b>RUDDER—A x D</b> .....				
<b>Speed of Vessel</b> .....	<b>11 knots.</b>			
<b>RUDDER</b> mainpiece at head ...	<b>4 1/2</b>			
" " heel ...				
" " how constructed .....	<b>"OERTZ Type" T.S. FORSTER &amp; P.</b> <b>as approved.</b> <b>DOUBLE</b>			
" " double or single plate				
" " coupling, vertical or				
" " horizontal .....	<b>VERT.</b>			

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *OPEN HEARTH PROCESS*  
*Lanarkshire Steel Co. Ltd. : J. Dunlop & Co.*  
*D. Colville & Sons. Ltd.*  
 Has the Steel been tested as required by the Rules? *YES.*



