

Rpt. 1.

WRECK  
SECTION  
NO. 864

## STEEL STEAMER or MOTORSHIP.

V. RECK  
Received at London Office  
30 NOV 1927

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

No  
WK 864Date of completion of report 24<sup>th</sup> NOVEMBER 1927 Port of GLASGOW. No. 47325Survey held at TROON Date First Survey 6<sup>th</sup> MAY Last Survey 22<sup>nd</sup> NOVEMBER 1927

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) STEEL SINGLE SCREW STEAMER "FALCON" (MACHINERY AMIDSHIPS)

State Type (Full Scantling Complete Superstructure with or without Tonnage Openings) COMPLETE SUPERSTRUCTURE WITHOUT TONNAGE OPENING State Type of Erections NONE

TONNAGE under Tonnage Deck... 1155.13 CLASS + 100 A.1. State if with freeboard as condition of Class YES. Built at TROON

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 214.08 Launched 29<sup>th</sup> SEPT. 1927 Yard No. 402

Total 1155.13 Breadth (greatest moulded) B 35.5 Builders AILSA S. B. CO. LTD.

Gross Tonnage 1316.29 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 21.75 Owners GENERAL STEAM NAVIGATION CO LTD

Register Tonnage 737.75 1st Longitudinal Number (L x D) = 4549 Managers (Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS. FEET. 2nd Numeral L x (B + D) = 12149 Residence

Length 213.9 Framing Depth "d," at middle of length. See Sec. 3 (1d) 11.17 Port of Registry LONDON

Breadth 35.7 Proportions—Depth to Length—Uppermost continuous deck to top of keel 9.84 If surveyed while building, afloat, or in dry dock

Depth 19.65 Draught Moulded 13.54 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	24		Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead	24		" " Reversed Frame		
" " in peaks	24		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	31	42
Frame Amidships, Angle, E or F	5 $\frac{1}{2}$ 3 .33		" " top Angles SINGLE	3	3 .40
" " Extends up to	4 + 2 $\frac{1}{2}$ DKS ALT 18000		" " bottom Angles SINGLE	3 $\frac{1}{2}$ 3 $\frac{1}{2}$ .42	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	1	.32
" " Extends up to	E 4 $\frac{1}{2}$ 18000		Margin Plate depth (excl. of flange) and thickness	22 $\frac{1}{2}$	.36
Depth of Framing Girder	5 $\frac{1}{2}$		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	3	3 .34
Frames in Uppermost Continuous 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	3	3 .34
" " Second 'tween Decks, Angle, E or F			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	NONE	
" " Third " " " "			" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	NONE	
Framing in Peaks, Angle or F	5 3 .33		Tank Side Brackets, height above base line at toe of Frame and thickness	44 $\frac{1}{2}$	.34
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	E 3/4 5 $\frac{1}{4}$		INNER BOTTOM PLATING.		
State if Frame Joggled	YES.		Breadth and thickness of Middle Line Strake	24 44	.38
PLANTING ARRANGEMENTS (Sec. 7), state system and particulars	WEB FRAMES AND STRINGERS		Thickness of remainder in Holds		.32
STRENGTHENING OF BOTTOM FORWARD. State Particulars	EXTRA INTERCOSTALS SHELL PLATING INCR. D.R. FRAMES CLOSE SPACED RIVETS		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	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	6 $\frac{1}{2}$ 3	.40
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, E or F	6 3	.34
Middle Line Keelson, on Floors, Angles, E or F			" " Spacing	24	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, E or F	7 3	.40
" " Foundation Plate on Floors			" " Spacing	24	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, E or F		
Side Keelsons, No. each side			" " Spacing		
" " thickness of Intercostal Plate			Fourth Deck, amidships, Angle, E or F		
" " Angles			" " Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, E or F		
Solid Floors, thickness and spacing	.32 24		" " Spacing		
" " Are Frame and Reversed Frame joggled?	YES		Bridge Deck, Angle, E or F	3	.36
Bracket Floors, breadth and thickness at middle line			" " Spacing	48	
" " breadth and thickness at margin plate			Forecastle Deck, Angle, E or F		
			" " Spacing		



## 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, No. of Rows.....</b>			Stringer Plate, breadth and thickness in way of Bridge .....		
" in 'tween Decks, Size and Spacing.....			Thickness of Plating abreast Deck openings in way of Wells .....	.30	
" " " " "			Thickness of Plating abreast Deck openings in way of Bridge .....		
" in Holds " "			Thickness of Plating within line of openings...	.90	
" " " " "			If Sheathed, material and thickness .....		
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....			Stringer Plate, breadth and thickness.....		
Plating, thickness of .....			If Plated, state thickness.....		
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells ✓ .45 .34 ✓			If Plated, state thickness .....		
" " " " , in way of Bridge ✓ .45 .34 ✓			<b>Poop Deck.</b>		
" Angle in Wells ..... 3½ 3½ .34 ✓			Stringer Plate, breadth and thickness .....		
Thickness of Plating abreast Deck openings } .32 48.0 ✓ in way of Wells .....			Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings } .50 ✓ in way of Bridge .....			<b>Bridge Deck.</b>		
Thickness of Plating within line of openings... ✓ .30 ✓			Stringer Plate, breadth and thickness.....	.40 .36 ✓	
If Sheathed, material and thickness .....			Plating, Sheathing, material and thickness ...	8 x .24 3"	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells... ✓ .42 .34 ✓			Stringer Plate, breadth and thickness.....		
			Plating, Sheathing, material and thickness ...		

## SHELL PLATING.

[illegible]

## WATERTIGHT BULKHEADS.

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

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

„ „ Deck next below..... **2**

As per Rule **3 TO UPPER DECK. 1 TO SECOND DECK.**

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKH'D,</b> Upper tween decks		.34	4 1/2 x 3 x 34	30	NONE	✓
"	" <b>Second</b> "					
"	" <b>Third</b> "					
"	" Holds .....	.55-.34	9 x 3 1/2 x 54 } 8 1/2 x 3 x 48 }	24 20	NONE	✓
<b>COLLISION</b>	" (in Hold) .....	.44-.32	7 x 3 x 48	24	1 SEMI-Box BEAM	
<b>AFTER PEAK</b>	" " .....	.40-.30	5 x 3 x 30	24	B.A. 5 x 3 x 30	ONE

## 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> .....	✓	FORGING	7 x 1 3/4	KERR + SONS ✓
<b>STERN FRAME</b> {	Propeller Post .....	"	6 3/4 x 5	" ✓
	Rudder " .....	"	6 x 5	" ✓
<b>RUDDER—A x D</b> .....			192	✓
<b>Speed of Vessel</b> .....			12 KNOTS	✓
<b>RUDDER</b> mainpiece at head ...	FORGING	6 3/4	KERR + SONS	✓
" " heel ...		5		✓
" " how constructed .....		FORGED MAIN PIECE + ARMS		✓
" double or single plate		SINGLE		✓
" 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)

STEEL COMPANY OF SCOTLAND

## OPEN HEARTH PROCESS

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



EQUIPMENT No. 12486										LETTER	ANCHORS.
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.
60471	1st Bower ...	25	1	0	✓			25	10	1	0
60472	2nd " ...	25	3	21	✓			25	10	1	7
60473	3rd " ...	25	3	14	✓			25	10	1	7
	Collective weight.	75	0	7					75	0	7
60474	Stream .....	8	2	7	1	3	14	8	15	0	0

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.	Status.	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.		
62187	210	1 1/2	40 1/2	58 1/2	245-0	-24		242	210	1 1/2	STUD LINK	S. TAYLOR & SONS	TIPTON 31-8-27 WAD	TOWLINE & WARPS	90	3 1/2	22	90	3 1/2
															90	2 1/2	9 1/2	90	2 1/2
Iron Stream Chain														"	90	5		90	5
	75 1/2	1 5/16	15 3/10	23 1/2	35-1	-18		34	75	1 5/16	STUD LINK	S. TAYLOR & SONS	TIPTON 31-8-27 WAD						

Steering Gear, Steam	Y" x 7" HASTIE & CO	Steering Gear, Hand	DONKIN & CO
Boats	2 1/2" x 7' 6" x 42' 11" 1 DICKINSON.	Steering Chains, Size and Test	1" DIA. 12 TONS.
Ceiling in Holds, thickness and material	3" PITCH PINE	Cargo Battens, thickness, material and spacing	2" W.P. 9" EDGE TO EDGE
Cargo Hatchways.—(Upper Deck)	STEEL COAMINGS	Thickness of Hatches	3"
Size of No. 1 Hatchway (Forward)	16' 0" x 11' 0" No. 2 42' 0" x 20' 0" No. 3 18' 0" x 20' 0" No. 4	No. 5	No. 6
Number of Shifting Beams and/or Fore and Afters	2 IN NO 1 HATCHWAY, 6 IN NO 2 HATCHWAY, 2 IN NO 3 HATCHWAY.		
AILSA SHIPBUILDING CO., LIMITED.			
Builder's Signature		General Manager.	

GENERAL DECLARATION THE WORKMANSHIP AND MATERIALS ARE GOOD.			
THE VESSEL HAS BEEN BUILT IN ACCORDANCE WITH THE APPROVED PLANS, THE SECRETARY'S LETTERS OF VARIOUS DATES AND IN ACCORDANCE WITH THE RULES.			
THE PEAK TANKS AND DOUBLE BOTTOM TANKS HAVE BEEN TESTED AS REQUIRED BY THE RULES.			
THE WEATHER DECK, W.T. BULKHEADS AND SHAFT TUNNEL HAVE BEEN TESTED WITH SATISFACTORY RESULTS.			
THE FREEBOARD HAS BEEN VERIFIED AND CUT IN ON THE VESSEL'S SIDES.			
THE APPROVED PLANS, AS DETAILED ON BACK OF REPORT, ARE FORWARDED HERewith.			

The amount of Entry Fee .....	£ 5 : 0 : 0	Fees applied for,	28-11-1927
Special Survey Fee....	£ 131 : 12 : 6	Received by me,	30-11-1927
FREEBOARD	4 11 8		
Travelling Expenses, if any	£ 3 : 0 : 0		
State whether the Vessel has been built under Special Survey	YES.	I am of opinion the Vessel should be Classed + 100 A1 WITH FREEBOARD	
Certificate to be sent to	Glasgow	Signature	H. Thomson.
Date of issue	2/12/27	Surveyor to Lloyd's Register of Shipping.	

Committee's Minute	GLASGOW 29 NOV 1927
Character assigned	100 A1
	With freeboard
	11.27 Lloyd's atcp
	+ L.M.C. 11.27





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 the Plans should be embodied.)

THE FOLLOWING APPROVED PLANS AND REPORTS ARE FORWARDED HERewith.

MIDSHIP SECTION

PROFILE AND DECKS

BULKHEADS

2 STERNFRAME AND RUDDER

PILLARS AND GIRDERS

FORE END STIFFENING

2 STERN CONSTRUCTION

2 MASTS

MASTS AND RIGGING

STIFFENING UNDER STRONG ROOM

2 PUMPING PLAN

REPORTS

STERNFRAME

RUDDER

CROSSHEAD

THE FOLLOWING PLANS OF THE VESSEL AS BUILT ARE FORWARDED HERewith.

MIDSHIP SECTION

PROFILE & DECKS

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 ft., B.Q.L. ft., Bridge 40.0 ft., Forecastle  
(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 DK (STL) PART SECOND D5 (STL)

Official No. 149946, Signal Letters

particulars of composition

Is bottom of Vessel coated with cement YES if

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	32	20	Fore peak tank,	12	
Double bottom, under Engines and Boilers,	28	41	After peak tank,	12	
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	116	159	Other tanks, if fitted,		
	Total capacity of double bottom	220	(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. 5833

Date 23<sup>rd</sup> MARCH 1927

Dates of Surveys held while building

1927:— MAY 6, 10, 12, JUNE 2, 6, 10, 13, 16, 21, 23, JULY 5, AUG 2, 4, 8, 12, 19, 23, 25, 29, SEPT 1, 6, 9, 14, 21, 26, OCT 4, 6, 11, 14, 19, 25, NOV. 1, 7, 11, 14, 16, 22

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