

STEEL ~~STEAMER~~ MOTORSHIP.

Received at London Office

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

Port of Barns. in Furness No. 2227Survey held at Barns. in Furness Date First Survey 22nd January 1926 Last Survey 21st April 1927On the S. S. Motorship "MODAVIA"State Type Complete Superstructure with Damage during Aff. State Type of Erections ForecastleTONNAGE under 4403.34Tonnage Deck 54260.95Do. of space or space 1463.53
between Tonnage Dk.
and Upper Dk.Total 4857.74Gross Tonnage 4857.74Register Tonnage 2858.67CLASS +100A1State if with freeboard Yes
as condition of ClassLength from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a) L 385.0Breadth (greatest moulded) B 53.5Depth at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) D 38.01st Longitudinal Number (L x D) = 146302nd Numeral L x (B + D) = 35227.5Framing Depth "d," at middle of length. See
Sec. 3 (1d) 18.42Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel 10.13
Do. Long Bridge to top
of keel ✓Draught Moulded 26'-4"Built at Barns. in FurnessLaunched 23 Sept '26 Yard No. 626Builders Messrs Vickers Ltd.Owners Donaldson Line Ltd.Managers
(Where necessary to be entered in Reg. Book.)

Residence

Port of Registry GlasgowIf surveyed while building, afloat, or in dry dock
Yes.REGISTERED DIMENSIONS.
FEET.Length 387Breadth 53.7Depth 27.5

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	32		Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead	27/24"		" " Reversed Frame		See Long Framing.
" " in peaks	28 2 1/2 or 24		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43" x 56"	
Frame Amidships, <u>Angle E or F</u>	11 32 50	Carplens	" " top Angles	3 3/4 54	
" " Extends up to	3rd deck.		" " bottom Angles	4 4 60	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	one 42.	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	40 1/2 x 54	
Depth of Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	5 5 44	
Frames in Uppermost Continuous 'tween Decks, Angle <u>E or F</u>	5 7 32 44 alt	Int.	" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	5 5 50	
" " Second 'tween Decks, Angle <u>E or F</u>	7 32 44		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	2 1/2 x continuous 40	
" " Third " " " "	9 32 42		" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	3 3/4 do. 40	
Framing in Peaks, <u>Angle E</u>	7 1/2 32 44		Tank Side Brackets, height above base line at toe of Frame and thickness	5-11 x 48.	
Diameter and Spacing of Rivets through Shell Plating	7/8 - 5/4 alt.		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes.		Breadth and thickness of Middle Line Strake	53" x 52/44	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Deck Framing 5 11 32 50 5 7 32 44 3 Side Struts 42 3 6 x 32 x 52.	3" D.	Thickness of remainder in Holds	44/40	
STRENGTHENING OF BOTTOM FOR WARD. State Particulars	5 5 44 frames 3 Bottom Girders 3 Struts, shell & bracing		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & D.B. space and framing in Boiler Room?	Yes.	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Walls, Angle <u>E or F</u>	7 32 48	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, <u>E or F</u>	✓	
Middle Line Keelson, on Floors, Angles, <u>E or F</u>			Spacing	32"	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle <u>E or F</u>	5 7 3 48	
" " Foundation Plate on Floors			Spacing	2 8 3 48	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle <u>E or F</u>	5 7 3 48	
Side Keelsons, No. each side			Spacing	4 4 3 52	
" " thickness of Intercostal Plate			Fourth Deck, amidships, Angle <u>E or F</u>	8 3 58	
" " Angles			Spacing	32	
DOUBLE BOTTOM.			Poop Deck, Angle, <u>E or F</u>		
Solid Floors, thickness and spacing	50 x 10-8	See	Spacing		
" " Are Frame and Reversed Frame joggled?	Yes.	Long	Bridge <u>HOUSE</u> , Angle, <u>E or F</u>	4 2 36	+ .06.
Bracket Floors, breadth and thickness at middle line	18 x 42 1/2 even	Framing	Spacing	32	
" " breadth and thickness at margin plate	40 x 42 1/2 even	Sheet	Forecastle Deck, Angle, <u>E or F</u>	8 3 50	
			Spacing	2 1/2 24 1/4	

EQUIPMENT No. 36483										LETTER Z		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, ^{Stainless} Steel			WEIGHT OF Steel			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.				
41640	1st Bower	60	2	25	36	2	18	48	15	0	0	62	Britannic (C-S-H)	Sykes & Son	Grady Heath 17.2.26
41855	2nd "	60	1	14	36	3	5	48	12	2	0	60	"	"	do S.C. Paul 11.5.26
41357	3rd "	61	1	0	36	3	0	49	0	2	14	60	"	"	do S.C. Paul 12.11.26
	Collective weight.	182	1	11	108	8	13					182			do S.C. Paul
41938	Stream	17	3	20	4	2	14	18	18	0	14	17½	Ord: J.W.J.	"	do S.C. Paul 28.6.26

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.	Statu- tory.	Break- ing.	Supplied.		Per Rule.		Length.	Diam.					Length.	Diam.		Length.	Cir.
29867	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
37635	240	2 1/4	918	117 1/2	621	2	14	682 1/4	270	2 1/4	Steel Int. Sydn. & Son	Grady Heath 26.6.26	TOWLINE...	120	5	59	120	5	
39127	15	2 1/4	"	"	38	1	14				"	"	HAWSERS & WARPS	4090	2 3/4	15 1/2	2090	2 3/4	
Stream Chain	90	Cir.	"	"	38	0	0				"	"	"	"	"	"	2090	2 1/2	
Steel Wire	43 1/4		47		698	0	0		90	4 3/4	G.S.W.	S.C. Paul.							

Steering Gear, Steam *Baldwells and Brown's Telemotor.* Steering Gear, Hand *Blocks & Tackle led to Winch.*

Boats *40 28'0"* Steering Chains, Size and Test *none* Windlass *Clarke Chapman.*

Ceiling in Holds, thickness and material *2½" in 3" girders & Insulation (in 23 Stalls)* Cargo Battens, thickness, material and spacing *6 x 2 x 9" sp. & Insulation (2-3-4 Hds)*

Cargo Hatchways.-(Upper Deck) *Steel plates, angles and Bulbs.* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) *18'x14'* No. 2 *18'8"x13'* No. 3 *18'8"x13'* No. 4 *29'4"x13'* No. 5 *18'8"x14'* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *3 in No. 1, 2, 3 and 6; 5 in No. 4 Hatch.*

FOR VICKERS LIMITED,
Builder's Signature *B. W. J.* DIRECTOR

GENERAL DECLARATION This vessel has been built in accordance with the approved plans; the instructions in the Secretary's letter and in general conformity with the revised rules for the class contemplated. The Workmanship and Materials are good. The double bottom - outside the machinery space - is longitudinally framed. Nos. 2, 3 and 4 Holds and Lower Tween Deck spaces are insulated. There are no cargo battens in Shelter Tween Deck spaces. Efficient covers and battening down arrangements are provided to the Damage opening aft on Shelter Deck. The Freeboard, as assigned, has been verified and the marks cut in on the sides of vessel. The double bottom, including cofferdams, for and after peaks and oil fuel bunkers have been tested in accordance with the rule requirements with satisfactory results. The W.I. Bulkheads, tunnel and all decks have been hose tested with satisfactory results. Winches, windlass & anchor gear, W.I. door, pump to chain locker flat tested & found satisfactory. Main and Auxiliary steering gear tried under working conditions with satisfactory results.

The amount of Entry Fee £ 8 : 0 : 0 Fees applied for, 28th April 1927

Special Survey Fee.... £ 317 : 17 : 6 Received by me, *Robt Fairley*

Freeboard 10 . 0 . 0

Travelling Expenses, if any £ : : 2/5/27

State whether the Vessel has been built under Special Survey *Yes.* Signature *Robert Fairley*

Certificate to be sent to *Barron.* Date of issue *6/4/27* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRI 6 MAY 1927*

Character assigned *1- 100A1 with freeboard*

Lloyds ascp June 4.27 ok

Oil Eng 2 DB 120lb

The Surveyors are requested not to write on or below the Committee's Minute.

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 herewith—
Profile, Midship Section, Stemframe & rudder, Deck Plans with Jir, Pillars & Girders
Double Bottom Framing, Tank & bilge, Panting angles, oil fuel bunkers, battle doors,
Emergency Steering Gear, Bilge & Ballast, Air and Sounding Pipes.
Also Midship Section (as Built). and 5 forging & casting certificates.

Rpt. 1*.

PARTICULARS OF LONGITUDINAL FRAMING. 106-017(313)

FRAMING.										LONGITUDINAL FRAMING.									
AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.							
In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Bulkheads.			
Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Spang.	Inches.	Number.				
Framing of L, L or C Frames in Bridge 'tween Decks... Frames from Uppermost Continuous Deck Framing from Awning, Shelter or Upper Deck to Margin Plate. Spacing of Longitudinal Frames } Amidships 																			

Where Fitted.		*Length.	Water Capacity.		Where Fitted.		*Length.
		Feet.	Tons.				Feet.
Double bottom, aft, N^{os} 6-7-8 Tanks		101.3	275		Fore peak tank,		20
Double bottom, under Engines and Boilers, N^{os} 4 & 5 Tanks		58.6	258		After peak tank,		24
Double bottom, if under Engines only,		✓	—		Deep tank, aft,		
Double bottom, if under Boilers only,		✓	—		Deep tank, forward,		
Double bottom, forward, N^{os} 1-2-3 Tanks		152.3	487		Other tanks, if fitted, oil Bunkers & Settling Tanks		
D.B. off bottom 50/51		Total capacity of double bottom		1020	(If necessary, furnish further information by sketch.)		
" 62/67		312.6					
" 84/83		312.6					

Rpt.

PILLARS

Centr
Stiff

Plat

W106-0177(313)

STRING
Upper
Str

Se

FLAT

Воттс

Воттс

BILG

SIDE

JP

1

1

1

1

1

1

1

1

U. S. A.