

## STEEL STEAMER or MOTORSHIP.

Received at London Office 13 APR 1928

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 April 18<sup>th</sup> 1928.Port of Sunderland.No. 29703Survey held at Sunderland.Date First Survey 14<sup>th</sup> Nov. 1927. Last Survey April 13<sup>th</sup> 1928.

On the (State if Machinery fitted Aft and

Single Screw M. V. GLENMOORMachinery amidships.

State Type (Full Scantling, Complete Superstructure

Complete Superstructure with Tonnage Opening State Type of Erections File.TONNAGE under Tonnage Deck 4069.68.CLASS +100 A1.

State if with freeboard

Yes.Built at Sunderland.

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 375.Launched March 8<sup>th</sup> 1928 Yard No. 591.

Total

Breadth (greatest moulded)

B 52.31.Builders Messrs W. D. Doreford & Sons Ltd.

Gross Tonnage

4392.63.

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

D 36.31.Owners Moor Line Ltd.

Net Tonnage

2648.82.1st Longitudinal Number (L x D) = 13616.Managers W. Runciman & Co.

(Where necessary to be entered in Reg. Book)

2nd Numeral L x (B + D) = 33,232.Residence Pilgrim St. Newcastle-on-Tyne.

REGISTERED DIMENSIONS.

FEET.

375.0.

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

24.13.

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

10.32.Port of Registry London.52.6.

Do. Long Bridge to top of keel

If surveyed while building, afloat, &amp; in dry dock

25.75.

Draught Moulded

24'-11<sup>3</sup>/<sub>8</sub>".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	31.		Bracket Floors, Frame	B.A. 8 1/2 3 1/2 .50	
from 1/2 length to Collision bulkhead	27.		Reversed Frame	B.A. 8 3 .50	
in peaks	24.		Vertical Struts	B.A. 8 3 .50	
FRAMING.			Centre Girder, depth and thickness amidships	42" x 54.	
Frame Amidships, Angle, E or F	12 x 3 1/2 x 3 1/2 x 56		top Angle	6 6 .52	
Extends up to	2 <sup>nd</sup> deck.		bottom Angles	6 6 .57	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	One .40	
Extends up to			Margin Plate depth (excl. of flange) and thickness	38 x .52	
Depth of Framing Girder	12		Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 6 .52	
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	6 3 1/2 .50		Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 6 .52	
Second 'tween Decks, Angle, E or F	Every frame.		Gussets, spacing and scantling abaft 1/2 len. from stem	Continuous gusset plate in way of oil tanks	
Third			Gussets, spacing and scantling forward 1/2 len. from stem	3 1/2 x 3 1/2 x 42 L 2 on every elsewhere	
Framing in Peaks, Angle, E or F	7 1/2 3 1/2 .36		Tank Side Brackets, height above base line at toe of Frame and thickness	85 x .52	
Number and Spacing of Rivets through Frame and Shell Plating amidships	7/8 - 5 1/4		INNER BOTTOM PLATING.		
State if Frame Joggled	No.		Breadth and thickness of Middle Line Strake	52 x .50	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	Web frame amidships. Webs 29" x 54. Stringers 39" x 54.		Thickness of remainder in Holds	142.	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Extra intercostal 1/2 in. intercostal each side. Frames doubled. Midship V-bulk shell plating on bottom.		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.	
DOUBLE BOTTOM.			BEAMS.		
Frames, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Way, Angle, E or F	8 1/2 3 1/2 .52	
Height of Brackets at side above base line at toe of frame			in way of Bridge, Angle, E or F		
Middle Line Keelson, on Floors, Angles, E or F			Spacing	Every	
Through Plate or Intercostal Plate			Second Deck, amidships, Angle, E or F	10 1/2 3 1/2 .56	
Foundation Plate on Floors			Spacing	Every	
Flat Plate Keel Angles			Third Deck, amidships, Angle, E or F		
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	40. Every 3 <sup>rd</sup>		Spacing		
Are Frame and Reversed Frame joggled?	No.		Bridge Deck, Angle, E or F		
Bracket Floors, breadth and thickness at middle line	42" x 40.		Spacing		
breadth and thickness at margin plate	42" x 40.		Forecastle Deck, Angle, E or F	8 1/2 3 1/2 .44	
			Spacing	Every	



## 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.....	One.	✓	Stringer Plate, breadth and thickness in way of Bridge .....	✓	
„ in 'tween Decks, Size and Spacing.....	1" 5x5x64 alternate.	✓	Thickness of Plating abreast Deck openings in way of Wells .....	36	✓
„ „ „ „ „	✓		Thickness of Plating abreast Deck openings in way of Bridge .....	✓	
„ in Holds „ „	Centre Line Bulkhead.	✓	Thickness of Plating within line of openings...	34	✓
„ „ „ „ „	✓		If Sheathed, material and thickness .....	No sheathing	✓
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....	9 1/2 x 3 1/2 x .52 B. A. to 7 x 3 x .42 B. A. Every 4.	✓	Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....	30.	✓	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	66 x .51.	✓	If Plated, state thickness .....	✓	
„ „ „ „ in way of Bridge	✓		<b>Poop Deck.</b>		
„ Angle in Wells .....	5 5 .52.	✓	Stringer Plate, breadth and thickness .....	✓	
Thickness of Plating abreast Deck openings in way of Wells .....	44	✓	Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings in way of Bridge .....	✓		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	36.	✓	Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness .....	No sheathing	✓	Plating, Sheathing, material and thickness ...	✓	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	54 x .39.	✓	Stringer Plate, breadth and thickness.....	34.	✓
			Plating, Sheathing, material and thickness ...	34 2 1/2" P. Pine	✓

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged; <i>Bottom</i> <i>Side</i>			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.								
FLAT PLATE KEEL .....	50½	74	65	65	✓	Double	1	3¾	4	1	4	Shapped
„ DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
BOTTOM PLATING, No. of Strakes .....	4	57	48	48	✓	Double	7/8	3½	3	7/8	3½	Shapped
BILGE PLATING, No. of Strakes .....	1	57	48	48	✓	Double	7/8	3½	3	7/8	3½	D°
SIDE PLATING, No. of Strakes .....	4	57	46	46	✓	Double	7/8	3½	3	7/8	3½	D°
UPPER DECK, Sheer- strake in Wells .....	70	62	46	46	✓	Double	7/8	3½	4	7/8	3½	D°
UPPER DECK, Sheer- strake in Bridge ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
STRAKE BELOW Sheer- strake in Wells .....	70	60	46	46	✓	Double	7/8	3½	3	7/8	3½	Shapped
STRAKE BELOW Sheer- strake in Bridge ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
POOP SIDE PLATING .....	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
BRIDGE SIDE PLATING ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
FOREC'TLE SIDE PLATING			34		✓	Single	¾	2⅝	2	¾	2⅝	Shapped

## WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		STIFFENERS.		Casting or Forging.		Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c)		VERTICAL.	HORIZONTAL.					
,, Deck next below		Scantlings. Spacing.	Scantlings. Spacing.					
As per Rule								
MIDSHIP BULKH'D, Upper tween decks	✓							
,, Second ,,	✓							
,, Third ,,	✓							
,, Holds .....	✓	40-26 12x32 375 30"	✓	✓				
COLLISION ,, (in Hold) .....	✓	48-26 10x3 50 24"	2. Semi-bron beams.	✓				
AFTER PEAK ,, .....	✓	42-30 8x3 18 24"	✓	✓				

STEEL.

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

Cargo Fleet, Bolobow Vaughan, Dorman Long, South Durham, Pease & Partners

Has the Steel been tested as required by the Rules?

Yes.

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EQUIPMENT No. 33,660										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.
30755	1st Bower	60	0	0	✓			48	7	2	0
30754	2nd "	60	0	0	✓			48	7	2	0
30880	3rd "	51	0	0	✓			43	0	0	0
	Collective weight.	171	0	0	✓			140	2	0	0
42815	Stream	16	1	2	✓	1	2	17	11	3	14

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- Break- ing.	Supplied.	Per Rule.	Supplied.	Per Rule.	Length.	Diam.						Length.	Cir.	Tons.	Length.	Cir.
15612	270	2 1/4	86 1/2	120-10	653-1-0.	645-3-0	270	2 1/4	86 1/2	Steel. Chain.	✓	L.P.H.S. 23.1.289.H.B.		TOWLINE	120	4 1/4	47	120	4 1/4
														HAWSERS & WARPS	2.90	2 3/4	152	90	2 3/4
Iron Stream (Steel Wire)	90	4 3/4	47					90	4 3/4						2.90	2 3/4	122	90	2 3/4

Steering Gear, Steam *Yes Donkin* Steering Gear, Hand *aux. Blackos tackles.*

Boats *2 lifeboats, 2 cutters* Steering Chains, Size and Test *None.* Windlass *Emerson Walbear*

Ceiling in Holds, thickness and material *2 1/2" W.W.* Cargo Battens, thickness, material and spacing *2" W.W. 9"*

Cargo Hatchways. (Upper Deck) *Steel plates + angles* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) *31'6" x 22'0"* No. 2 *33'7" x 22'0"* No. 3 *28'5" x 22'0"* No. 4 *33'7" x 22'0"* No. 5 *33'7" x 22'0"* No. 6 *28'5" x 14'0"*

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

WILLIAM DOXFORD & SONS, Limited.

Builder's Signature

*H. F. Attache* Manager

GENERAL DECLARATION *This vessel has been constructed in accordance with the approved plans, the Society's Rules and the Secretary's letter.*

*The workmanship and material are good.*

*The freeboard has been verified and the marks cut in on the vessel's sides.*

*The fore and after peak tanks, double bottom tanks and deep tanks have been tested and found satisfactory.*

*The weather decks and waterways, bulwarks and tunnel have been hose tested.*

*The windlass, steering gear and hand pump have been tested.*

*The following approved plans are forwarded:- Midship Section, Profile & Decks, Scheme of Raising, Pillars Stiffening in Engine Space, Sternframe & Rudder, Tank Top Engine Room, Strengthening forward, Tank margin gusset plates (2), Intercoastal in Engine Room, Pumping Arrangement of 11 plans.* 3 Forging Certificates enclosed.

*Please return plans for sister ships building.* Midship Section & Profile, as built, enclosed.

The amount of Entry Fee ..... £ 8: . . . . . Fees applied for, 13 Apr 1928

Special Survey Fee.... £ 294: 13: . . . . . Received by me, 18 Apr 1928 h.w.

*Freeboard* 9: 3: 4

Travelling Expenses, if any £ : : . . . . .

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

State whether the Vessel has been built under Special Survey *Yes*

Signature *Colin Bartlett* Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *SUNDERLAND* Date of issue *27/4/28.*

Committee's Minute *FRI. 27 APR 1928*

Character assigned

*+100A1 With Freeboard*

*Write to Mr. (M/S)*  
*"Elst" 27/4/28*

*Lloyd's excl. + Lmb 4.28*  
*cf. all inf.*  
*2 D.A. - 120th*

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W1129-0233 1/2



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.)

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

1st Bower	<i>Including ben cut. 900 lbs</i> 39.6.7. M.K. 3479. 13 Jan. 1928.
2nd "	38.3.21. M.K. 3476. 13 Jan. 1928.
3rd "	35.1.7. G.S. 6896. 16 <sup>th</sup> Mar. 1928.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 30 ft. (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). 1D<sup>5</sup> (STL) + Shelter D<sup>5</sup> (STL)

Cruiser Stern

Official No. 160,407 ; Signal Letters

Is bottom of Vessel coated with cement

Double bottoms not if not give

particulars of composition carrying oil fuel coated with cement, remainder, cement fillets only

**PARTICULARS OF WATER BALLAST.—**

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	105' 11"	286.	Fore peak tank,	17' 7½"	140.
Double bottom, under Engines and Boilers,	20' 8"	83.	After peak tank,	23' 2"	220.
Double bottom, if under Engines only, Feed Tank.	10' 4"	40.	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	180' 3"	602.	Deep tank, forward,	25' 10"	988.
Double bottom, forward,	Total capacity of double bottom	1011.	Other tanks, if fitted,	✓	✓

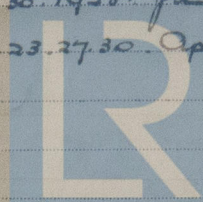
\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 5648

Date 27.9.27

Dates of Surveys held while building

19.27 Nov. 14. 15. 17. 22. 25. 28. 29. Dec. 6. 7. 8. 14. 19. 30. 1928. Jan. 5. 6. 11. 12. 13. 16. 17. 23. 25. 30. 1. 3. 4. 6. 8. 10. 14. 16. 17. 21. 22. 24. 29. Mar. 6. 8. 14. 16. 21. 23. 27. 30. Apr. 3. 13.



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Total No. of Visits 46