

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London 12 OCT 1921

Date of completion of report
Survey held at Port Glasgow

30th September, 1921

Port of Glasgow

Date, First Survey 11th September, 1919 Last Survey 26th September, 1921

No. 17887

26th September, 1921

On the (State if Single, Twin, or Triple Screw)

Twin Screw Motor Vessel "MALIA"

Rig S. A. Schooner

TONNAGE under

Tonnage Deck 3465.70

Do. between Tonnage Dk. and 3rd and 4th Dk. 109.35

Do. of Poop 5.38

Do. of Bridge House 35.12

Do. of Forecastle 37.58

Do. of Houses on Dk. 148.29

Do. of excess of Hatchways 26.52

Do. above Crown of 44.24

Engine Room 3872.18

Gross Tonnage 175.66

Less Crew Space 1239.10

Less above Crown of 120.89

Engine Room 2336.59

Less Engine Room 1239.10

Less Navigation Spaces 120.89

CLASS 100 A.1

FEET.

Master

Year of appointment

Built at Port Glasgow

When built 1921

Launched March 8th, 1921

By whom built Messrs Wm Hamilton & Co Ltd

Owners Messrs J & G. Brocklebank Ltd

Managers

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

Residence

Port belonging to Liverpool

Destined Voyage

Surveyed while Building, Afloat, or in Dry Dock

Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of	to top of	Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	Yws.
...	350	0	Moulded	49	9	Do.	do.	do.	Second Dk. Beams	24	10	No. of Tiers of Beams	Yws.

Ship per Register, Length 350.5 breadth 49.9 depth 24.7

Moulded depth, ft. 35 ins. 3 To Bridge Dk. Round of Upper } 12 1/2 ins.
Moulded depth, ft. 27 ins. 3 To Upper Dk. Dk. Beam, Actual }

FRAMING.						PILLARS.					
Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
Bars amidships	9	3 1/2	52	9	3 1/2	52	PILLARS In 'tween Deck, size and spacing				
of Double Bottoms at Solid Floors	3 1/2	3 1/2	38	3 1/2	3 1/2	38	Hold				
at intermdt. Bkts.	8	3 1/2	40	8	3 1/2	40	Quarter 'tween Dks.				
frames from centre to centre amidships	25	25	25	25	25	25	in Hold				
from 3/4 length to Collision bulkhead	25	25	25	25	25	25	KEELSONS & STRINGERS.				
in peaks.	24	24	24	24	24	24	CENTRE LINE KEELSON, Vertical Plate above				
FRAME, Angles	3 1/2	3 1/2	38	3 1/2	3 1/2	38	floors, Through Plate, or Intercoastal Plate				
of Double Bottoms at Solid Floors	7	3	40	7	3	40	Rider Plate				
at intermdt. Bkts.	7	3	40	7	3	40	Flat Plate Keel Angles				
depth of girder	3 1/2	3 1/2	38	3 1/2	3 1/2	38	Horizontal Plates on Floors				
depth and thickness of Floor Plate	3 1/2	3 1/2	38	3 1/2	3 1/2	38	Angles or Bulb Angles				
at mid-line for 3/4 length amidships	3 1/2	3 1/2	38	3 1/2	3 1/2	38	SIDE KEELSONS, Number				
of Engine and Boiler Spaces	3 1/2	3 1/2	38	3 1/2	3 1/2	38	Angles or Bulb Angles				
ness at the ends of vessel	3 1/2	3 1/2	38	3 1/2	3 1/2	38	Plate above floors, for length				
at 3/4 the half breadth, as per Rule	3 1/2	3 1/2	38	3 1/2	3 1/2	38	Intercoastal Plate, for length				
at extended at the Bilges	3 1/2	3 1/2	38	3 1/2	3 1/2	38	Attached to outside Plating with Angle				
Cell Double Bottoms	3 1/2	3 1/2	38	3 1/2	3 1/2	38	BILGE KEELSON, Angles				
state if flanged (top & bottom)	3 1/2	3 1/2	38	3 1/2	3 1/2	38	Intercoastal Plate for length				
spacing of Solid floors	3 1/2	3 1/2	38	3 1/2	3 1/2	38	Attached to outside Plating with Angle				
IRDER, in Dbl. bottom, dpth. & thknss.	41	50	41	50	41	50	SIDE STRINGERS, Number				
Angles, Top	6	6	64	6	6	64	Angle				
Bottom	6	6	64	6	6	64	Intercoastal Plate, for length				
to Floors	6	6	64	6	6	64	Attached to outside plating with Angle				
brackets at intermdt. frmng. width & thknss	36	38	36	38	36	38	Upper Deck Stringer Plate, br'dth & thickness				
EDERS, number on each side & thickness	one	36	one	36	one	36	(clear of Bridge)				
state if flanged (top and bottom)	3 1/2	3 1/2	38	3 1/2	3 1/2	38	br'dth & thickness				
Angles (top and bottom)	3	3	38	3	3	38	(in way of Bridge)				
to Floors	43	44	32	44	43	44	Angle (clear of Bridge)				
PLATE, depth (exclusive of flange)	3 1/2	3 1/2	44	3 1/2	3 1/2	44	Deck * Steel, for full lng.				
and thickness	6	6	44	6	6	44	Thickness (clear of Bridge)				
Angle to Outside Plating	36	38	36	38	36	38	(in way of Bridge)				
Floors	45	48	41	48	45	48	Wood Deck, Material & thickness				
Brackets at intermdt. frmng. width & thknss	3	3	3	3	3	3	Second Deck Stringer Plate, br'dth & thickness				
Height of Outside Brackets above at bilge	45	48	41	48	45	48	Angles on ditto, No.				
BOTTOM PLATING, breadth and thickness of Middle Line Strake	46	48	41	48	46	48	Tie Plates outside Hatchways				
in Engine and Boiler space	38	38	38	38	38	38	Deck * Steel, for full lng.				
Remainder in Holds	7	3	42	7	3	42	Wood Deck, Material & thickness				
Upper Deck, Single Angle, Bulb	7	3	42	7	3	42	Third Deck Stringer Plate, br'dth & thickness				
Angle, Plate, Tee Bulb, or Channel	7	3	42	7	3	42	Angles on ditto, No.				
In way of Long Bridge	25	25	25	25	25	25	Tie Plates outside Hatchways				
Spacing	8	3	42	8	3	42	Deck * Material & thickness				
Second Deck, Single Angle, Bulb	25	25	25	25	25	25	Fourth and Fifth Deck Stringer Plate, breadth & thickness				
Angle, Plate, Tee Bulb, or Channel	5 1/2	3	40	5 1/2	3	40	Angles on ditto, No.				
Spacing	24	25	24	25	24	25	Tie Plates outside Hatchways				
Third and Fourth Deck, Single Angle, Bulb	7	3	40	7	3	40	Deck * Material & thickness				
Bulb Angle, Plate, Tee Bulb, or Channel	25	25	25	25	25	25	Poop Deck Stringer Plate, breadth & thickness				
Angles on upper edge	5 1/2	3	40	5 1/2	3	40	Angle on ditto				
Spacing	24	25	24	25	24	25	Tie Plates				
Poop Deck, Angle, Bulb Angle, Plate	7	3	40	7	3	40	Deck * Material & thickness				
Tee Bulb, or Channel	5 1/2	3	40	5 1/2	3	40	Bridge Deck Stringer Plate, br'dth & thickness				
Angles on upper edge	24	25	24	25	24	25	Angle on ditto				
Spacing	7	3	40	7	3	40	Tie Plates				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate	25	25	25	25	25	25	Deck * Material & thickness				
Tee Bulb, or Channel	5 1/2	3	40	5 1/2	3	40	Forecastle Deck Stringer Plate, br'dth & th'kns				
Angles on upper edge	24	25	24	25	24	25	Angle on ditto				
Spacing	7	3	40	7	3	40	Tie Plates				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate	5 1/2	3	40	5 1/2	3	40	Deck * Material & thickness				
Tee Bulb, or Channel	24	25	24	25	24	25	If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.				
Angles on upper edge	7	3	40	7	3	40					
Spacing	5 1/2	3	40	5 1/2	3	40					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate	24	25	24	25	24	25					
Tee Bulb, or Channel	7	3	40	7	3	40					
Angles on upper edge	5 1/2	3	40	5 1/2	3	40					
Spacing	24	25	24	25	24	25					

GENERAL REMARKS—(continued).

[Handwritten notes and calculations, including measurements like 35.5, 116.6, 43.2, and various mathematical expressions.]

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop **35.5** ft., R.Q.D. ☒ ft., Bridge **116.66** ft., Forecastle **43.2** ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book) **2 Dks. (stl)**
 Official No. **145867**; Signal Letters _____ State if Machinery is fitted aft **no**
 How are the surfaces preserved from oxidation? Inside **Paint + Cement** Outside **Paint**

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors **Cell. S/B**

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	70.8	143	Fore peak tank,	51	86
Double bottom, under Engines and Boilers,			After peak tank,		105
Double bottom, if under Engines only,			Deep tank, aft,		✓
Double bottom, if under Boilers only,			Deep tank, forward,		✓
Double bottom, forward,	17.5	57.5	Other tanks, if fitted, Wing tanks No 5 Hols P^{ns} 26-34	16.6	40
Total capacity of double bottom		718	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. State whether the above have been tested as required by the Rules **Yes.**

Order for Special Survey No. 2997	DATES of Surveys held while building	1919. Sept 11-15-29. Oct. 6. 13-15-17-20. Nov. 25-27. Dec. 10-11. 1920. Jan 13-15-22-27-30 Feb. 2-4-10-25. Mar. 1-16-19-22-24-26. Apr. 1-5-7-9-13-16-20-22-23-28. May. 6-7-10-11-14-18. June 1-3-8-11-14-15-25. July 29. Aug. 2-13-17-20-24. Sept. 1-2-10. Oct. 12-15. Nov. 10-15-17-25-28. Dec. 3-8-13-15-16-24-27-29. 1921. Jan 14-17-31. Feb. 2-14-21-22-24-25-28. Mar. 1-3-4-7-8. Apr. 22-24. May. 31. Sept. 7-23-26.
Date 28th April, 1919.		
No. 377 in builder's yard.		

Surveyor's Signature

[Handwritten signature: J. Macleod & Robert Duns]